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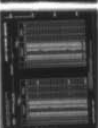
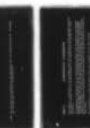
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) PENSACOL--ETC(U)
JUL 78

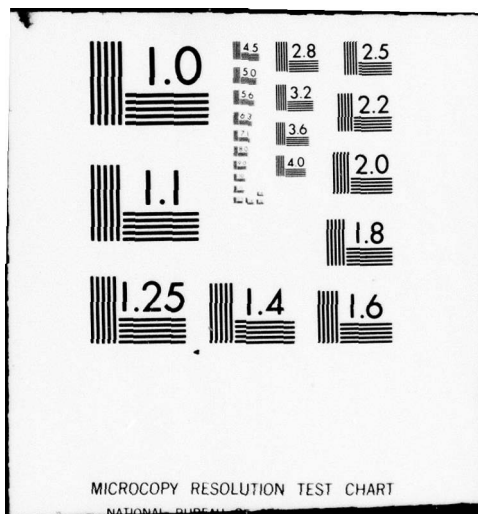
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1 of 4
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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/ Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure		

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV. (FT.)	CALL SIGN	WMO NUMBER
03855	Pensacola, Florida	30°21'N	87°19'W	30	KNPA	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARO. LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS. PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
1.	Meteorological office spaces	Navy	1956	1971	30°21'N	87°19'W	33	Mercurial	24
2.	"	"	1971	1976	"	"	34	"	24
1a.	"	"	1964	1976	"	"	35.5	Aneroid	24
2a.	"	"	1976		"	"	"	"	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE AND EQUIPMENT INFORMATION			REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	
1.	1956	Roof of control tower	UMQ-5C	RD-108B	75'

1. Barograph (marine type)
2. Auto met station (GMQ-29)
3. Ceiling light (ML 121)
4. Cloud height set (GMQ 13)
5. Transmissometer (GMQ 10C)
6. Radar VID Repeater (WSRR-63)
7. Weather vision (GMQ-19A(V))
8. GOES (Mod 9271 O/H)
9. RATT-68 (FMH 6)

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET ltr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).
2. All available data will be used for extreme values.
3. Summarize (update) every five years.
 - a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
 - b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
 - c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
 - d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WRAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

03855 STATION NAME PENSACOLA, FLORIDA 73-77 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00	.6	7.1				7.1	26.5	5.8			31.6	155
	03	.6	11.0		.6		11.6	29.0	4.5			32.3	155
	06	1.3	5.8	.6	.6		7.1	27.7	5.8			30.3	155
	09		8.4				8.4	33.5	18.1			49.0	155
	12		5.8				5.8	20.0	16.8			33.5	155
	15	.6	4.5				4.5	17.4	18.7			31.6	155
	18	.6	8.4				8.4	18.7	17.4			31.6	155
	21	.6	11.6				11.6	23.2	9.0			30.3	155
TOTALS		.5	7.8	.1	.2		8.1	24.5	12.0			33.8	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

03855 PENSACOLA, FLORIDA 73-77 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00		5.0		.7		5.7	17.7	3.5		.7	22.0	141
	03	1.4	5.0				5.0	17.0	7.8		.7	23.4	141
	06	.7	5.7				5.7	27.7	7.1		1.4	31.2	141
	09		2.1				2.1	18.4	22.7		.7	39.7	141
	12	.7	2.8		.7		2.8	6.4	17.7		.7	24.1	141
	15	.7	4.3		.7		4.3	5.0	14.2		.7	19.9	141
	18	2.1	4.3				4.3	12.8	17.7		.7	27.7	141
	21	2.1	7.1		.7		7.8	9.2	7.8		.7	16.3	141
TOTALS		1.0	4.5		.4		4.7	14.3	12.3		.8	25.5	1128

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

03855

PENSACOLA, FLORIDA

73-77

MAR

MONTH

YEARS

STATION NAME

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00	3.2	10.3				10.3	25.8	16.8			36.8	155
	03	1.9	8.4				8.4	32.3	9.0			37.4	155
	06	2.6	10.3				10.3	43.9	13.5			51.6	155
	09	3.2	8.4				8.4	21.9	25.8			45.8	155
	12	3.9	9.7				9.7	11.0	22.6			32.3	155
	15		9.7				9.7	12.3	21.9			32.9	155
	18	.6	5.2				5.2	14.8	33.5			42.6	155
	21	.6	6.5				6.5	21.3	19.4			32.9	155
TOTALS		2.0	8.6				8.6	22.9	20.3			39.0	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

APR
MONTH

73-77
YEARS

PENSACOLA, FLORIDA
STATION NAME

03855
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00		2.0				2.0	10.0	14.0			22.0	150
	03	.7	4.0				4.0	18.7	15.3			30.0	150
	06	2.7	6.7				6.7	33.3	32.0			50.0	150
	09	1.3	4.0				4.0	4.0	33.3			37.3	150
	12	.7	7.3				7.3	4.0	26.0			28.7	150
	15	2.0	5.3				5.3	2.7	23.3			25.3	150
	18	.7	5.3				5.3	4.0	26.7			29.3	150
	21		4.7				4.7	4.7	20.0			24.0	150
TOTALS		1.0	4.9				4.9	10.2	23.8			30.8	1200

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

MAY

MONTH

73-77

YEARS

PENSACOLA, FLORIDA

STATION NAME

03855

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00	2.6	4.5				4.5	4.5	14.2			16.1	155
	03	3.2	4.5				4.5	18.1	21.9			29.7	155
	06	1.3	4.5				4.5	39.4	49.7			64.5	155
	09	1.3	6.5				6.5	5.8	31.6			36.8	155
	12	1.9	7.7				7.7	1.9	25.8			27.1	155
	15	1.9	3.9				3.9	1.9	18.7			20.6	155
	18	2.6	2.6				2.6	.6	23.2			23.2	155
	21	3.2	3.9				3.9	1.3	17.4			18.1	155
TOTALS		2.3	4.8				4.3	9.2	25.3			29.5	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

JUN

73-77

PENSACOLA, FLORIDA

03855

MONTH

YEARS

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00	3.3	2.7				2.7	1.3	6.0			9.3	150
	03	2.7	1.3				1.3	8.7	15.3			19.3	150
	06	2.7	1.3				1.3	21.3	44.0			49.3	150
	09		3.3				3.3	.7	28.0			28.0	150
	12	.7	3.3				3.3	.7	14.7			15.3	150
	15	3.3	3.3				3.3		14.0			14.0	150
	18	4.0	3.3				3.3	.7	14.7			15.3	150
	21	4.7	3.3				3.3		9.3			9.3	150
TOTALS		2.7	2.7				2.7	4.2	18.5			20.0	1200

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

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JUL

MONTH

73-77

YEARS

PENSACOLA, FLORIDA

STATION NAME

03855

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00	2.6	1.3				1.3	1.9	12.9			13.5	155
	03	3.9	3.2				3.2	7.1	21.3			22.6	155
	06	3.2	5.8				5.8	29.7	53.5			58.7	155
	09	5.2	9.0				9.0	3.2	37.4			39.4	155
	12	4.5	5.8				5.8	1.3	26.5			27.1	155
	15	11.6	7.1				7.1	.6	26.5			27.1	155
	18	7.1	6.5				6.5	2.6	22.6			25.2	155
	21	3.2	1.9				1.9	1.3	14.8			16.1	155
TOTALS		5.2	5.1				5.1	6.0	26.9			28.7	1240

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WEATHER CONDITIONS

03855

PENSACOLA, FLORIDA

73-77

AUG

STATION

STATION NAME

TELETYPE

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBS TO VISION	TOTAL NO. OF OBS.
AUG	00	3.2	4.5				4.5	5.2	12.9			14.8	155
	03	3.9	2.6				2.6	10.3	18.7			22.6	155
	06	5.2	7.7				7.7	31.6	36.8			47.7	155
	09	5.8	7.7				7.7	1.3	31.6			32.9	155
	12	2.6	9.7				9.7	.6	18.1			18.7	155
	15	3.2	3.2				3.2		16.1			16.1	155
	18	3.9	5.8				5.8	1.3	18.1			18.7	155
	21	3.2	5.2				5.2	3.2	12.9			14.2	155
TOTALS		3.9	5.8				5.8	6.7	20.7			23.2	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

SEP

73-77

PENSACOLA, FLORIDA

03855

MONTH

YEARS

STATION NAME

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00	3.3	4.0				4.0	2.0	12.7			13.3	150
	03	7.3	7.3				7.3	12.7	18.0			22.7	150
	06	6.0	8.0				8.0	32.0	38.0			49.3	150
	09	3.3	8.7				8.7	7.3	32.0			36.7	150
	12	4.7	8.7				8.7	2.0	18.7			20.7	150
	15	5.3	8.7				8.7	2.7	16.7			19.3	150
	18	5.3	4.0				4.0	2.0	20.7			22.7	150
	21	2.7	6.7				6.7	.7	11.3			12.0	150
TOTALS		4.7	7.0				7.0	7.7	21.0			24.6	1200

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

STATION 03855 PENSACOLA, FLORIDA 73-77 OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00	.6	2.6				2.6	7.7	12.3			16.8	155
	03		1.3				1.3	17.4	14.8			23.9	155
	06	1.9	7.7				7.7	39.4	34.2			52.3	155
	09	.6	7.7				7.7	9.0	26.5			33.5	155
	12	.6	5.8				5.8	3.9	16.1			19.4	155
	15		2.6				2.6	1.9	11.6			13.5	155
	18		4.5				4.5	3.2	14.2			16.8	155
	21		3.9				3.9	3.2	7.1			9.0	155
TOTALS		.5	4.5				4.5	10.7	17.1			23.2	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

NOV

73-77

PENSACOLA, FLORIDA

03855

NORTH

YEARS

STATION NAME

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00	1.3	5.4				5.4	14.1	7.4			20.6	149
	03		8.0				8.0	20.0	7.3			25.3	150
	06	1.3	9.3				9.3	30.7	10.7			36.0	150
	09	.7	10.0				10.0	18.0	17.3			34.0	150
	12	.7	10.0				10.0	7.3	10.7			17.3	150
	15	2.0	5.3				5.3	6.7	10.0			16.7	150
	18		7.3				7.3	9.3	13.3			20.7	150
	21		8.0				8.0	8.7	10.7			18.0	150
TOTALS		.8	7.9				7.9	14.4	10.9			23.6	1199

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

DEC

73-77

PENSACOLA, FLORIDA

03855

MONTH

YEARS

STATION NAME

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00	1.3	7.1				7.1	14.3	6.5		.6	21.3	155
	03		7.1		.6		7.7	20.0	4.5		.6	22.6	155
	06	1.3	11.7				11.7	18.2	6.5			22.1	154
	09		5.2				5.2	17.4	14.2			29.7	155
	12	.6	7.7				7.7	10.3	9.7			20.0	155
	15		7.7				7.7	10.3	11.0			20.6	155
	18	.6	5.2				5.2	10.3	12.9			22.6	155
	21	.6	7.1				7.1	12.9	8.4			20.0	155
TOTALS		.6	7.4		.1		7.4	14.3	9.2		.2	22.4	1239

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

ALL

73-77

PENSACOLA, FLORIDA

03855

MONTH

YEARS

STATION NAME

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.5	7.8	.1	.2		8.1	24.5	12.0			33.8	1240
FEB		1.0	4.5		.4		4.7	14.3	12.3		.8	25.5	1128
MAR		2.0	8.6				8.6	22.9	20.3			39.0	1240
APR		1.0	4.9				4.9	10.2	23.8			30.8	1200
MAY		2.3	4.8				4.8	9.2	25.3			29.5	1240
JUN		2.7	2.7				2.7	4.2	18.5			20.0	1200
JUL		5.2	5.1				5.1	6.0	26.9			28.7	1240
AUG		3.9	5.8				5.8	6.7	20.7			23.2	1240
SEP		4.7	7.0				7.0	7.7	21.0			24.6	1200
OCT		.5	4.5				4.5	10.7	17.1			23.2	1240
NOV		.8	7.9				7.9	14.4	10.9			23.6	1199
DEC		.6	7.4		.1		7.4	14.3	9.2		.2	22.4	1239
TOTALS		2.1	5.9	.0	.1		6.0	12.1	18.2		.1	27.0	14606

WEATHER CONDITIONS ATMOSPHERIC PHENOMENA

STATION 03855 PENSACOLA, FLORIDA STATION NAME YEARS 55-77 MONTH ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	5.6	43.1	.3	1.5	.3	43.8	55.4	47.0		.1	69.0	713
FEB		9.4	42.2	.2	1.2	.6	42.5	53.2	41.8			63.7	650
MAR		13.9	41.5		.3	.7	41.7	57.1	47.8			68.7	713
APR		11.2	27.8			.3	27.8	56.5	52.6		.1	70.6	690
MAY		18.8	30.9			.1	30.9	48.4	58.1			70.6	711
JUN		29.7	41.9				41.9	36.7	52.0			60.6	690
JUL		46.1	52.5			.3	52.5	34.5	48.8		.1	57.5	713
AUG		39.6	49.6			.1	49.6	41.8	57.4		.3	67.2	713
SEP		24.1	41.9			.4	41.9	42.2	57.4		.1	65.9	690
OCT		7.7	25.2				25.2	44.5	57.2			65.1	713
NOV		5.9	33.8				33.8	50.1	49.7			64.5	690
DEC		6.6	40.5		.3		40.5	52.5	46.4		.1	66.3	713
TOTALS		18.2	39.2	.0	.3	.2	39.3	47.7	51.3		.1	65.8	8399

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

03855 STATION NAME PENSACOLA, FLORIDA JAN 73 - DEC 77 YEARS MONTH JANUARY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREZZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.2	.9	2.9	.5	1.0	.5			14.8	1.9	8.1			71.9
NNE	11.1	1.1	4.4						20.0	2.2	11.1			61.1
NE	5.4		1.4						12.2	2.7	10.8			75.7
ENE	4.8		4.8						19.0	7.9	9.5			69.8
E	10.6	1.0	1.9						21.2	1.9	8.7			64.4
ESE	4.8	1.2	1.2						36.9	1.2	8.3			48.8
SE	1.4	1.4	1.4						30.0	7.1	11.4			54.3
SSE	2.9	2.9						2.3	29.4	5.9	35.3			39.7
S	3.4	3.4	1.1						29.9	2.3	17.2			51.7
SSW		5.3	2.6						31.6	5.3	10.5			50.0
SW	2.4	2.4	2.4					2.4	24.4	12.2	14.6			51.2
WSW	3.4	6.9						10.3	13.8	10.3	24.1			51.7
W	3.2	1.6							25.8	4.8	9.7			62.9
WNW		2.4						2.4	9.8	2.4	4.9			87.8
NW	1.7	1.7								3.0	6.7			88.3
NNW		2.6	1.3						5.2		3.9			89.6
VARIABLE														
CALM	3.4								4.2	3.4	7.1			62.9
TOTAL	59	20	22	1	2	1		7	259	45	139			794
% TOTAL	4.4	1.6	1.8	.1	.2	.1		.6	20.9	3.6	11.2			64.0

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION 03855 PENSACOLA, FLORIDA STATION NAME JAN 73 - DEC 77 YEARS FEBRUARY MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.9	.6	.6		.6	1.2			6.8	3.1	8.7			80.7
NNE	5.1	1.7			1.7				6.8		6.8			78.0
NE	6.7								3.3	6.7	13.3			80.0
ENE	2.4	2.4								2.4	7.1			83.3
E	3.1	4.6	3.1					1.5	18.5	3.1	12.3			61.5
ESE	1.7							1.7	20.7	3.4	19.0			56.9
SE	2.0	3.9						1.4	13.7	3.9	15.7			66.7
SSE	1.4	1.4						.9	14.5	2.9	21.7			60.9
S	1.8	6.3						3.1	13.3	8.1	18.0			55.9
SSW	1.5	3.1						1.6	16.9	3.1	9.2			66.2
SW		4.7						3.2	3.1	4.7	9.4			76.6
WSW	1.6	6.5						1.6	9.7		8.1			74.2
W		1.6						1.6	1.6	9.7	17.7			72.6
WNW									4.3		4.3			89.4
NW		2.2						2.2		6.5	13.0			80.4
NNW	1.0								3.1	4.2	5.2			85.4
VARIABLE														
CALM														
TOTAL	19	29	3		2	2		11	109	52	128			809
% TOTAL	1.7	2.6	.3		.2	.2		1.0	9.7	4.6	11.3			71.7

TOTAL NUMBER OF OBSERVATIONS 1,128

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

03855

PENSACOLA, FLORIDA

JAN 73 - DEC 77

MARCH

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEDG RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	5.6	1.6						0.8	8.1	2.4	4.0			79.0
NNE	8.6	3.4							12.1	1.7	6.9			75.9
NE	10.4	6.3	2.1					4.2	10.4	6.3	8.3			60.4
ENE	5.1	7.7	7.7					5.1	17.9	5.1	23.1			48.7
E	6.6	7.9	9.2					6.6	30.3	1.3	14.3			48.7
ESE	4.4	1.8	2.7					0.9	17.7	1.8	30.1			52.2
SE	1.6	2.3	0.8					1.6	24.8	1.6	23.6			48.8
SSE	1.7	2.6						1.7	27.6	4.3	34.3			43.1
S	2.3	1.7	1.1					1.7	21.8	5.2	37.9			45.4
SSW	1.7	3.4						1.7	17.2	5.2	17.2			56.9
SW	1.7	5.2	3.4					3.4	20.7		20.7			56.9
WSW	1.9	1.9							18.9	3.8	7.5			69.8
W	2.2	2.2							13.0	4.3	10.9			69.6
WNW		2.9							14.7	5.9	5.9			76.3
NW		5.4						2.7	5.4	5.4	5.4			81.1
NNW	2.7	8.1						2.7	10.8		5.4			81.1
VARIABLE														
CALM	2.3	5.0	5.1					5.0	48.5	12.5	12.5			38.0
TOTAL	43	42	21					25	240	44	248			713
% TOTAL	3.5	3.4	1.7					2.0	19.4	3.5	20.0			57.5

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION 03855 PENSACOLA, FLORIDA STATION NAME JAN 73 - DEC 77 YEARS MONTH APRIL ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									3.0	3.0	3.0			92.1
NNE	4.4	6.7						6.7	13.3	8.9	11.1			64.4
NE	6.4	12.8						6.4	10.6	10.6	14.9			59.6
ENE		7.4							3.7		18.5			70.4
E	7.4	3.7	3.7						11.1	1.9	24.1			59.3
ESE	6.5	1.1	1.1						4.4		27.5			63.9
SE	.9	.9						.9	3.5	3.5	42.5			54.9
SSE	2.7	2.7						.6	9.7	.9	44.2			46.9
S		1.2						2.7	13.2	1.8	34.7			53.9
SSW	1.4	4.1							5.5		32.9			60.3
SW	2.0	6.1							4.1	2.0	34.7			59.2
WSW									2.2	2.2	8.9			88.9
W											10.2			89.8
WNW									3.2	3.2	6.3			90.3
NW									5.0	3.3	5.0			88.3
NNW	2.6	1.3	1.3					1.3	5.1	1.3	3.8			87.2
VARIABLE														
CALM														
TOTAL	24	30	5					12	85	37	283			805
% TOTAL	2.0	2.5	.4					1.0	7.1	3.1	23.5			67.1

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION 02855 PENSACOLA, FLORIDA STATION NAME JAN 73 - DEC 77 YEARS MAY MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.0	2.9						1.9	8.7	6.7	19.2			63.5
NNE	4.3								8.5	10.6	25.5			66.0
NE	2.3	4.7						2.3	14.0	11.6	34.9			51.2
ENE	3.8	7.7						7.7	15.4	7.7	30.8			53.8
E	4.3	8.7						6.3	4.3	8.7	23.9			60.9
ESE		2.6						2.6			34.2			65.8
SE	2.2	6.7						3.4			28.1			65.2
SSE	1.0	1.0							3.9	1.0	28.4			68.6
S	1.2	2.5						.6	4.3	1.2	24.2			69.6
SSW	4.3	2.1						3.2	3.2	1.1	22.3			71.3
SW		.9	.9					1.9		2.7	23.6			73.6
WSW	.9	.9									17.9			80.2
W									1.3	1.3	19.5			79.2
WNW		15.0						5.0	3.0		13.0			70.0
NW		11.4						6.8	9.1	15.9	20.5			56.8
NNW	1.6	3.2	1.6					4.8	8.1	4.8	16.1			66.1
VARIABLE														
CALM	1.6	1.4						4.2	14.1	14.3	36.6			69.3
TOTAL	19	38	2					28	60	54	301			835
% TOTAL	1.5	3.1	.2					2.3	4.8	4.4	24.3			67.3

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION 03855 PENSACOLA, FLORIDA STATION NAME JAN 73 - DEC 77 YEARS JUNE MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	9							3.6	1.8	9.0	27.9			64.9
NNE	2.0							2.0	3.9	7.8	35.3			56.9
NE	3.7							3.7	7.4	7.4	40.7			55.6
ENE	8.0	12.0						16.0	4.0	8.0	32.0			48.0
E	2.3	2.3						6.8		2.3	11.4			77.3
ESE		13.0						13.0			8.7			73.9
SE	2.4	7.1						9.5			11.9			78.6
SSE											8.1			91.9
S										.6	9.4			88.8
SSW											13.2			85.7
SW		1.6							.8		13.4			83.3
WSW	.8	.8									19.2			77.3
W	2.2	2.2						2.2		2.2	14.1			77.2
WNW		2.2						2.2		6.7	17.8			75.6
NW	2.9	2.9						5.7	5.7	8.6	25.7			54.3
NNW		5.2						1.7	5.2	3.4	22.4			67.2
VARIABLE														
CALM														
TOTAL	11	22						32	15	35	212			915
% TOTAL	.9	1.8						2.7	1.3	2.9	17.7			76.3

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION 03855 PENSACOLA, FLORIDA STATION NAME JAN 73 - DEC 77 YEARS MONTH JULY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	2.5	7.6						11.4	6.3	13.9	45.6			41.8
NNE		4.4						4.4	2.2	17.8	40.0			40.0
NE		5.9						8.8	2.9	8.8	38.2			47.1
ENE	3.3									16.7	43.3			56.7
E		2.6						5.1			33.3			59.0
ESE	3.0	3.0						9.1		3.0	30.3			63.6
SE	2.6							5.3		2.6	23.7			68.4
SSE								1.9			23.1			75.0
S	.9	7.3						6.2	.9		13.6			73.6
SSW	.9	4.5						3.6	1.8		20.0			71.8
SW	1.7	1.7						5.8	2.5		19.2			72.5
WSW		5.6						5.6		.9	15.0			80.4
W	.9	2.6						4.3	2.6	1.7	24.1			70.7
WNW	1.5	10.6						7.6		3.0	30.3			60.6
NW	1.5	1.5						3.0	3.0	1.5	22.4			70.1
NNW		3.0						4.5	3.0	1.5	30.3			65.2
VARIABLE														
CALM	2.1	1.3						1.8	3.9	10.2	29.7			65.6
TOTAL	16	47						64	25	49	321			822
% TOTAL	1.3	3.8						5.2	2.0	4.0	25.9			66.3

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

03855 STATION PENSACOLA, FLORIDA STATION NAME JAN 73 - DEC 77 YEARS MONTH ALL HOURS (15.71)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.1	1.0						2.0	10.2	7.1	32.7			52.0
NNE	1.6	3.1						9.4	4.7	17.2	32.8			51.6
NE	1.4	4.2						4.2	1.4	16.9	33.8			52.1
ENE	1.5	7.6						9.1	1.5		19.7			65.2
E		7.0						6.1	.9	2.6	18.3			70.4
ESE	4.3	1.5						1.5	1.5		13.4			80.6
SE	1.4	4.1						5.5			11.0			83.6
SSE	1.4	2.3						2.8			13.9			81.9
S	.8	3.2						2.4	.8		12.1			82.3
SSW		7.0						2.3			7.0			85.9
SW	1.6	3.2						1.6			9.7			83.9
WSW		11.9						4.8	2.4		16.7			71.6
W	4.6	9.2						6.2			4.6			76.9
WNW		6.1						3.0	3.0		27.3			66.7
NW	3.2	9.7						6.5	3.2	9.7	19.4			64.3
NNW								4.1	2.0	6.1	16.3			67.3
VARIABLE														
CALM	1.3	7.7							3.6	12.4	21.2			73.0
TOTAL	19	53						48	27	56	226			889
% TOTAL	1.5	6.3						3.9	2.2	4.5	18.2			71.7

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

03855 STATION NAME PENSACOLA, FLORIDA JAN 73 - DEC 77 YEARS SEPTEMBER MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREZZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.8	1.3						2.6	5.8	9.6	28.8			58.3
NNE	5.6	3.3						3.3	6.7	10.0	33.3			54.4
NE	7.9	1.6						3.2	6.3	14.3	25.4			60.3
ENE	3.7	2.9						1.2	2.5	6.2	28.4			64.2
E	2.2	8.1						11.1	4.4	1.5	16.3			68.9
ESE	1.7	8.6						5.2	3.4		12.1			75.9
SE	7.8	5.2						9.1			15.6			68.8
SSE	1.2	15.3						8.2	2.4		8.2			74.1
S		3.4						4.5		1.1	15.7			78.7
SSW		5.2						3.4			8.6			82.8
SW	2.0							6.1			16.3			77.6
WSW		2.8									13.9			83.3
W		3.5						3.5	7.0		26.3			66.7
WNW		3.6						3.6	3.6		39.3			53.6
NW									5.6	2.8	13.9			77.8
NNW	1.9							3.7	11.1	3.7	27.8			64.8
VARIABLE														
CALM		2.1						3.1	3.1	6.3	20.8			39.9
TOTAL	32	52						57	45	47	250			820
% TOTAL	2.7	4.3						4.8	3.8	3.9	20.8			68.3

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

03855 PENSACOLA, FLORIDA JAN 73 - DEC 77 OCTOBER ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.6	1.2	.4					.4	6.2	8.2	18.7			70.4
NNE		1.9	.9					1.9	3.7	9.3	13.9			77.8
NE	5.9								12.9	14.1	21.2			57.6
ENE	4.3								7.4	4.3	18.1			72.3
E	6.9	.8							3.8	3.1	16.8			77.1
ESE	4.1	1.4							4.1	2.7	18.9			73.0
SE	6.0	1.2							4.8	1.2	14.5			79.5
SSE	1.8	1.8									5.4			91.1
S	4.5							1.5	1.5		13.4			75.1
SSW	5.3	10.5						5.3	5.3	5.3	10.5			68.4
SW		4.3							13.0		4.3			78.3
WSW	4.8							4.8			9.5			81.0
W	2.5	2.5							3.0		12.5			77.5
WNW	11.1		5.6						27.8		5.6			66.7
NW									3.1	3.1	12.5			84.4
NNW									7.1	5.1	17.2			77.8
VARIABLE														
CALM	1.0								1.0	6.1	15.2			75.8
TOTAL	40	13	3					6	70	63	195			927
% TOTAL	3.2	1.0	.2					.5	5.6	5.1	15.7			74.8

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION 03855 PENSACOLA, FLORIDA STATION NAME JAN 73 - DEC 77 YEARS NOVEMBER MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS (ICE CRYSTALS)	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	6.3	.6	.6						9.1	3.4	8.0			75.6
NNE	2.0		2.0						8.1	3.0	11.1			80.8
NE	6.2		1.2						9.9	9.9	11.1			72.8
ENE	14.9		1.4						20.3	2.7	9.5			63.5
E	6.1	.8	.8					.8	11.4	5.3	10.6			73.5
ESE	6.3		.9					1.5	11.7	1.8	16.2			70.3
SE	12.1							1.5	9.1	1.5	19.7			63.6
SSE		1.9	1.9					2.2	1.9	1.9	22.2			74.1
S	5.6	6.7							4.5	1.1	15.7			74.2
SSW	2.0								11.1	2.8	5.6			80.6
SW	4.0	4.0						4.0	8.0	8.0	8.0			72.0
WSW	4.2	4.2						4.2	25.0		4.2			70.8
W	8.6	5.7						2.9	22.9	2.9	8.6			57.1
WNW	7.7								15.4	3.8	7.7			69.2
NW	5.4	5.4						3.6	14.3	1.8	3.6			75.0
NNW	2.5	1.3							7.5	1.3	5.0			85.0
VARIABLE														
CALM									22.9	5.7	5.7			84.6
TOTAL	70	17						9	132	40	130			878
% TOTAL	5.8	1.4	.7					.8	11.0	3.3	10.8			73.2

TOTAL NUMBER OF OBSERVATIONS 1,199

11965

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

03855 PENSACOLA, FLORIDA STATION NAME JAN 73 - DEC 77 YEARS DECEMBER MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	2.5								3.5	.5	4.0			89.4
NNE	4.0	1.3	1.3						10.7	4.0	8.0			78.7
NE	10.7								7.1	1.8	7.1			78.6
ENE	4.5								4.5	7.5	7.5			82.1
E	13.2		.7			.7			13.2	1.5	11.8			69.1
ESE	5.1								19.0		22.8			59.5
SE	13.7	2.0						2.0	23.5		17.6			56.9
SSE	11.9	4.8						2.4	16.7	4.8	16.7			59.5
S	2.4	6.1						3.7	19.5	7.3	8.5			65.9
SSW	10.9		1.8						18.2	1.8	12.7			67.3
SW	6.5								28.3	2.2	10.9			60.9
WSW		3.2							29.0	3.2	9.7			61.3
W	8.9	5.4						1.8	16.1	1.8	5.4			69.6
WNW	2.1	2.1						2.1	8.3	2.1	4.2			81.3
NW	2.9	1.4							4.3	1.4	7.2			87.0
NNW	.8	.8							5.5		1.6			90.6
VARIABLE														
CALM									18.0	18.0	20.0			50.0
TOTAL	71	17	3			1		7	148	29	111			932
% TOTAL	5.7	1.4	.2			.1		.6	11.9	2.3	9.0			75.2

TOTAL NUMBER OF OBSERVATIONS 1,239

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)										
03855	PENSACOLA, FLORIDA	JAN 73 - DEC 77	ALL	ALL										
WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.0	1.1	.5	.1	.2	.2		1.3	7.3	5.2	13.4			71.9
NNE	4.1	2.0	1.0		.1			2.0	8.5	7.2	18.5			67.0
NE	5.8	2.6	.5					2.3	8.6	9.7	20.2			63.3
ENE	5.0	2.8	1.1					2.4	8.4	5.2	18.5			67.0
E	5.8	3.6	1.4			.1		3.4	10.2	2.7	13.3			67.5
ESE	4.2	1.9	.7					1.6	12.2	1.2	20.3			64.3
SE	4.1	2.8	.2					2.8	9.8	1.8	21.5			64.1
SSE	1.9	3.3	.1					1.6	9.8	1.8	24.0			64.6
S	1.6	3.1	.2					2.2	9.3	2.4	20.1			67.4
SSW	2.1	3.4	.3					2.2	7.3	1.4	13.6			71.7
SW	1.4	2.5	.5					2.2	6.2	1.9	16.7			72.4
WSW	1.0	3.4						2.7	5.5	1.2	14.2			76.2
W	2.4	2.9						2.1	6.6	2.4	14.8			72.9
WNW	1.4	3.9	.2					2.3	6.4	2.3	14.6			74.6
NW	1.6	3.3						2.3	4.9	4.9	12.2			77.0
NNW	1.0	1.7	.3					1.5	5.9	2.5	11.6			79.3
VARIABLE														
CALM	1.5	1.5	.4	.4	.2	.2	.2	1.5	12.2	11.6	20.3			82.1
TOTAL	419	380	67	1	4	4		306	1215	551	2544			10139
% TOTAL	2.9	2.6	.5	.0	.0	.0		2.1	8.3	3.8	17.4			69.4
TOTAL NUMBER OF OBSERVATIONS														14,606

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY OBSERVATIONS)

55-77

PENSACOLA, FLORIDA

03855

STATION NAME

YEARS

PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
																MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	56.2	11.4	2.0	7.0	4.1	6.6	5.2	3.6	3.6	.3				32.4	713	3.84	9.97	.63
FEB	57.5	9.7	2.9	3.8	4.3	7.7	3.7	5.8	4.0	.3	.2			32.8	650	4.33	10.47	1.38
MAR	58.2	10.5	3.2	5.6	3.8	3.5	5.8	5.2	3.8	.4				31.3	713	4.25	9.21	.26
APR	72.2	6.8	2.2	3.6	1.4	2.3	4.1	2.9	3.8	.7				21.0	690	3.55	10.50	.35
MAY	68.8	8.1	1.6	4.5	3.1	4.7	2.3	3.5	2.8	.6				23.2	682	3.29	9.16	TRACE
JUN	58.0	11.3	2.8	3.3	4.3	5.9	6.4	3.3	3.5	1.0	.1			30.7	690	4.61	9.40	.85
JUL	47.5	11.5	2.4	7.2	5.5	7.9	6.6	5.9	4.1	1.5				41.0	713	5.99	12.47	2.56
AUG	50.4	10.4	1.7	7.4	3.6	7.9	7.3	5.5	5.0	.8				39.3	713	5.86	10.29	2.04
SEP	58.1	8.6	2.6	4.8	3.8	4.9	4.2	5.9	4.8	1.7	.4	.1		33.3	690	7.24	16.11	1.68
OCT	74.8	4.8	1.4	3.6	2.4	2.1	2.7	4.3	2.9	.6	.4			20.5	713	4.31	13.85	TRACE
NOV	66.2	9.0	1.2	5.4	2.9	3.8	4.2	4.1	2.9	.4				24.8	690	3.19	8.87	.74
DEC	59.5	10.0	4.2	4.3	4.3	3.9	5.2	4.6	3.5	.4				30.6	713	3.98	8.47	1.37
ANNUAL	60.6	9.3	2.3	5.0	3.6	5.1	4.8	4.5	3.7	.7	.1	.0		30.1	8370	54.44		

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

55-77

PENSACOLA, FLORIDA

03855

STATION NAME

STATION

YEARS

5722 Daily Amounts Jan. 1969

AMOUNTS (INCHES)																	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN	GREATEST	LEAST					
SNOWFALL	NONE	TRACE	0.1-.04	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4								
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120								
JAN	98.5	1.3	.3											.3	713	TRACE	.2	.0			
FEB	98.9	.8		.3										.3	650	.1	1.2	.0			
MAR	99.9	.1													713	TRACE	TRACE	.0			
APR	100.0														690	.0	.0	.0			
MAY	100.0														682	.0	.0	.0			
JUN	100.0														690	.0	.0	.0			
JUL	100.0														713	.0	.0	.0			
AUG	100.0														713	.0	.0	.0			
SEP	100.0														690	.0	.0	.0			
OCT	100.0														713	.0	.0	.0			
NOV	100.0														690	.0	.0	.0			
DEC	99.7	.3													713	TRACE	TRACE	.0			
ANNUAL	99.7	.2	.0	.0										.0	8370	.1					

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

55-77

PENSACOLA, FLORIDA

03855

STATION NAME YEARS

STATION NAME

STATION

5722 Daily Amounts Jan 1969

PRECIP. SNOWFALL SNOW- DEPTH	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
JAN	100.0														713			
FEB	99.5	.2	.3											.3	650			
MAR	100.0														713			
APR	100.0														690			
MAY	100.0														682			
JUN	100.0														690			
JUL	100.0														713			
AUG	100.0														713			
SEP	100.0														690			
OCT	100.0														713			
NOV	100.0														690			
DEC	100.0														713			
ANNUAL	100.0	.0	.0											.0	8370			

EXTREME VALUES

PRECIPITATION (FROM DAILY OBSERVATIONS)

03855 PENSACOLA, FLORIDA

STATION NAME

55-77

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55	1.17	6.13	.30	1.20	.77	1.86	1.53	3.20	.62	2.10	.44	.51	7.58
56	1.69	1.03	2.72	1.34		3.99	1.53	1.24	7.58	2.14	.40	1.79	2.36
57	.26	.73	1.07	2.56	1.55	2.30	1.34	2.11	2.31	1.68	2.00	.81	3.45
58	1.41	1.54	1.99	2.39	.80	1.40	3.45	2.19	2.70	.45	1.47	.46	6.16
59	2.11	.84	1.78	1.91	2.07	3.01	1.33	1.02	6.16	4.06	.79	.88	4.52
60	1.55	2.16	1.25	2.80	2.56	.28	2.53	1.44	4.52	1.46	.68	.43	5.07
61	.42	1.15	1.65	1.42	1.05	3.07	1.27	1.90	.97	.42	1.51	2.45	1.82
62	1.60	.36	.97	.80	.01	.90	1.33	1.82	1.27	1.18	1.32	.98	4.84
63	1.26	1.80	.50	.34	.64	3.40	4.54	1.00	3.55	TRACE	1.66	1.51	7.92
64	3.46	1.70	1.29	4.09	.22	.72	.99	1.91	1.36	7.92	.96	2.99	3.99
65	1.60	2.50	.94	1.28	TRACE	3.99	1.58	1.29	2.64	1.11	.59	1.21	4.23
66	1.17	2.12	.54	1.82	1.24	.75	1.25	4.23	1.30	1.21	.50	2.36	13.48
67	1.02	2.66	.24	1.41	1.51	1.07	.79	4.51	13.48	3.51	.81	2.30	1.94
68	.26	.64	1.33	.47	1.46	1.59	1.60	1.96	1.84	.82	.93	1.34	4.01
69	1.21	1.87	3.41	1.14	3.13	2.80	4.01	3.03	1.33	1.10	.34	1.14	5.42
70	2.48	2.44	1.49	1.91	2.32	3.43	1.84	1.25	1.34	5.42	.50	.86	2.69
71	.58	1.70	.84	.26	.94	1.56	2.69	1.68	1.96	.01	2.33	1.34	3.15
72	1.09	1.02	1.41	.52	2.79	2.33	2.35	1.27	.71	2.69	1.31	3.15	3.44
73	1.38	2.40	1.45	2.72	1.10	1.55	2.87	1.62	3.44	1.30	.92	2.78	2.79
74	.93	.54	1.18	.94	.88	1.14	1.30	2.70	2.79	.80	.79	.86	3.51
75	1.17	1.33	3.27	1.46	1.06	1.00	3.25	1.47	3.51	2.85	2.56	1.11	4.49
76	3.93	.86	2.09	1.07	4.49	1.71	1.63	1.88	2.54	3.51	2.68	1.31	2.70
77	2.38	.81	.86	2.67	1.21	.51	1.50	2.70	.98	1.21	1.70	1.39	
MEAN	1.48	1.67	1.42	1.60	1.45	2.02	2.04	2.06	3.00	2.15	1.18	1.47	4.53
S. D.	.910	1.199	.843	.934	1.062	1.287	1.039	.949	2.862	2.014	.735	.821	2.567
TOTAL OBS.	713	650	713	690	682	690	713	713	690	713	690	713	8370

NAWWEASERVCOM

5723 Extreme Values Jan 1969

PRECIPITATION
FROM DAILY OBSERVATIONS)

STATION	STATION NAME
03855	PENSACOLA, FLORIDA

55-77

YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

55-77

PENSACOLA, FLORIDA

YEARS

STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
68	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
69	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
MEAN	.00	.10	TRACE	.00	.00	.00	.00	.00	.00	.00	.00	TRACE	.10
S. D.	.020	.318	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.324
TOTAL OBS.	713	650	713	690	682	690	713	713	690	713	690	713	8370

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

55-77

PENSACOLA, FLORIDA

STATION NAME

STATION

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	1	0	0	0	0	0	0	0	0	0	0	1
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0
S. D.	.000	.208	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.213
TOTAL OBS.	713	550	713	690	682	690	713	713	690	713	690	713	6370

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

1949-1977

YEARS

DAILY EXTREME AMOUNTS

JANUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.55	39	1960			
2	0.71	18	1977			
3	0.22	6	1975			
4	0.77	20	1972			
5	1.60	41	1962			
6	1.71	43	1964			
7	1.58	40	1976			
8	3.46	88	1964			
9	0.82	21	1962			
10	0.95	24	1954	T	T	1962
11	2.48	63	1970	T	T	1973
12	0.48	12	1975	T	T	1973
13	0.75	19	1967	T	T	1964
14	2.38	60	1977			
15	0.73	19	1959			
16	1.17	30	1955			
17	1.26	32	1963			
18	1.45	37	1953	0.1	3	1977
19	1.20	30	1963	T	T	1977*
20	1.41	36	1958			
21	1.38	35	1973			
22	1.69	43	1956			
23	1.60	41	1965	T	T	1955
24	0.66	17	1951	T	T	1960
25	1.09	28	1972			
26	3.93	100	1976			
27	0.87	22	1974			
28	1.14	29	1949			
29	0.93	24	1974			
30	2.11	54	1959	T	T	1977
31	0.82	21	1964	0.1	3	1977
Monthly	3.93	100	1976	0.1	3	1977

FEBRUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.44	62	1970			
2	1.29	33	1952			
3	1.02	26	1972			
4	2.16	55	1960			
5	6.15	156	1955			
6	3.59	91	1955			
7	1.70	43	1971			
8	1.87	47	1969			
9	2.40	61	1973	1.0	25	1973
10	1.11	28	1966	T	T	1973
11	1.80	46	1963			
12	1.71	43	1966	1.2	30	1958
13	0.49	12	1965			
14	3.78	96	1953	T	T	1969
15	1.35	34	1952			
16	1.11	28	1966			
17	0.73	19	1964			
18	1.45	37	1963			
19	0.35	9	1974			
20	1.26	32	1952			
21	1.24	31	1960			
22	1.15	29	1961			
23	1.45	37	1954	T	T	1968
24	0.79	20	1963	T	T	1968
25	0.78	20	1964			
26	1.07	27	1958			
27	1.70	43	1964			
28	2.12	54	1966			
29	T	T	1960*			
30						
31						
Monthly	6.15	156	1955	1.2	30	1958

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

1949-1977

YEARS

MARCH
MONTH

APRIL
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.03	26	1961			
2	1.41	36	1972			
3	0.90	23	1956			
4	1.41	36	1970			
5	1.87	47	1958			
6	1.99	51	1958	T	T	1954
7	0.81	21	1973			
8	2.02	51	1976			
9	0.47	12	1976			
10	1.33	34	1966			
11	2.72	69	1956			
12	0.34	9	1977			
13	0.85	22	1949			
14	1.78	45	1959			
15	4.18	106	1953			
16	0.95	24	1969			
17	3.41	87	1969			
18	4.66	118	1951			
19	1.62	41	1951			
20	1.06	27	1973			
21	1.31	33	1950			
22	2.54	65	1949			
23	0.65	17	1957	T	T	1968
24	0.89	23	1973			
25	0.89	23	1964			
26	2.09	53	1976			
27	0.61	15	1954			
28	0.94	24	1972			
29	2.07	53	1949			
30	1.49	38	1970			
31	4.49	114	1952			
Monthly	4.66	118	1951	T	T	1968*

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.56	65	1957			
2	1.61	41	1951			
3	2.80	71	1960			
4	1.59	40	1950			
5	0.86	22	1969			
6	1.82	46	1964			
7	1.36	35	1973			
8	0.26	7	1975			
9	2.39	61	1958			
10	1.91	49	1959			
11	4.17	106	1949			
12	1.89	48	1953			
13	1.54	39	1964			
14	1.48	38	1958			
15	0.67	17	1958			
16	1.31	33	1951			
17	0.48	12	1969			
18	1.82	46	1966			
19	1.23	31	1966			
20	1.50	38	1959			
21	1.26	32	1949			
22	2.67	68	1977			
23	0.18	5	1974			
24	1.07	27	1967			
25	1.48	38	1953			
26	4.09	104	1964			
27	1.13	29	1965			
28	1.42	36	1950			
29	1.66	42	1949			
30	0.92	23	1957			
31						
Monthly	4.17	106	1949			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

MAY
MONTH

1949-1977

YEARS

JUNE
MONTH

DAILY EXTREME AMOUNTS

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.70	18	1949			
2	0.54	14	1949			
3	0.62	16	1957			
4	0.57	14	1967			
5	0.61	15	1960			
6	0.77	20	1956			
7	2.79	71	1972			
8	3.13	80	1969			
9	1.05	27	1961			
10	0.44	11	1958			
11	0.88	22	1974			
12	0.61	15	1959			
13	1.24	31	1966			
14	2.31	59	1976			
15	0.82	21	1975			
16	3.57	91	1955			
17	0.48	12	1950			
18	1.58	40	1969			
19	2.07	53	1959			
20	0.51	13	1955			
21	0.31	8	1966			
22	1.51	38	1967			
23	0.11	3	1958			
24	0.14	4	1973			
25	0.94	24	1971			
26	1.66	42	1960			
27	4.49	114	1976			
28	1.21	31	1977			
29	2.25	57	1970			
30	2.32	59	1970			
31	1.27	32	1970			
Monthly	4.49	114	1976			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.41	36	1926			
2	1.61	41	1970			
3	3.43	87	1970			
4	0.49	12	1950			
5	0.82	21	1959			
6	1.60	41	1950			
7	1.44	37	1965			
8	1.03	26	1957			
9	1.84	47	1949			
10	3.99	101	1965			
11	3.01	76	1959			
12	0.90	23	1962			
13	3.99	101	1956			
14	1.36	35	1971			
15	1.28	33	1951			
16	1.08	27	1956			
17	1.56	40	1971			
18	0.25	6	1972			
19	3.40	86	1963			
20	5.07	129	1961			
21	2.80	71	1969			
22	0.58	15	1967			
23	1.00	25	1975			
24	4.10	104	1949			
25	1.27	32	1970			
26	1.40	36	1958			
27	1.64	42	1953			
28	0.85	22	1976			
29	0.75	19	1966			
30	1.08	27	1949			
31						
Monthly	5.07	129	1961			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

1949-1977

YEARS

DAILY EXTREME AMOUNTS

JULY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.66	17	1967			
2	2.97	75	1949			
3	1.60	41	1968			
4	2.53	64	1960			
5	0.84	21	1962			
6	0.72	18	1976			
7	1.63	41	1976			
8	3.45	88	1958			
9	0.87	22	1969			
10	1.06	27	1959			
11	0.74	19	1959			
12	1.41	36	1950			
13	1.63	41	1955			
14	1.25	32	1966			
15	2.18	55	1949			
16	1.84	47	1970			
17	2.74	70	1969			
18	1.62	41	1956			
19	0.83	21	1949			
20	1.35	34	1971			
21	1.31	33	1975			
22	1.35	34	1963			
23	1.38	35	1949			
24	4.49	114	1963			
25	1.23	31	1958			
26	4.84	123	1963			
27	1.58	40	1965			
28	1.01	26	1950			
29	2.54	65	1975			
30	3.25	83	1975			
31	3.19	81	1975			
Monthly	4.84	123	1963			

AUGUST
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.24	57	1955			
2	1.62	41	1973			
3	1.60	41	1977			
4	4.23	107	1966			
5	1.09	28	1975			
6	1.34	34	1961			
7	2.70	69	1974			
8	1.59	40	1964			
9	1.91	49	1964			
10	1.47	37	1975			
11	1.00	25	1960			
12	1.44	37	1960			
13	0.56	14	1950			
14	0.98	25	1968			
15	1.09	28	1974			
16	4.51	115	1967			
17	3.05	77	1969			
18	1.55	39	1950			
19	1.94	49	1968			
20	2.70	69	1977			
21	1.82	46	1962			
22	1.27	32	1972			
23	1.31	33	1960			
24	0.90	23	1977			
25	0.70	18	1972			
26	3.83	97	1953			
27	1.57	40	1953			
28	1.88	48	1976			
29	1.42	36	1950			
30	5.32	135	1950			
31	1.64	42	1961			
Monthly	5.32	135	1950			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

03855
STATION

PENSACULA, FLORIDA
STATION NAME

1949-1977

YEARS

DAILY EXTREME AMOUNTS

SEPTEMBER
MONTH

OCTOBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	3.44	87	1973			
2	3.55	90	1963			
3	1.94	49	1949			
4	1.65	42	1971			
5	1.96	50	1971			
6	13.48	342	1967			
7	2.79	71	1974			
8	2.54	65	1976			
9	4.32	115	1960			
10	1.35	34	1951			
11	0.79	20	1971			
12	5.93	151	1959			
13	6.16	156	1959			
14	1.39	35	1959			
15	1.68	43	1960			
16	2.40	61	1954			
17	2.97	75	1975			
18	1.04	26	1968			
19	1.66	42	1953			
20	1.05	27	1951			
21	4.38	111	1951			
22	3.51	89	1975			
23	3.49	89	1956			
24	7.58	193	1956			
25	2.45	62	1953			
26	1.55	39	1953			
27	2.51	64	1957			
28	0.52	13	1963			
29	2.64	67	1965			
30	1.36	35	1956			
31						
Monthly	13.48	342	1967			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.18	30	1962			
2	1.30	33	1973*			
3	7.92	201	1964			
4	0.57	14	1964			
5	1.87	47	1975			
6	1.46	37	1960			
7	5.42	138	1970			
8	0.93	24	1970			
9	1.00	25	1977			
10	4.66	118	1959			
11	1.21	31	1977			
12	0.25	6	1970			
13	2.10	53	1955			
14	2.05	52	1959			
15	1.01	26	1957			
16	1.85	47	1975			
17	0.90	23	1950			
18	0.80	20	1950			
19	0.89	23	1970			
20	2.28	58	1950			
21	0.43	11	1956			
22	0.06	2	1951			
23	0.90	23	1957			
24	0.89	23	1977			
25	0.88	22	1976			
26	0.93	24	1972			
27	2.69	68	1972			
28	1.25	32	1959			
29	1.93	49	1959			
30	5.51	140	1967			
31	0.62	16	1967			
Monthly	7.92	201	1964			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET--SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

1949-1977

YEARS

DAILY EXTREME AMOUNTS

5724 DAILY AMOUNTS MAR 1978

NOVEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.07	27	1951			
2	1.56	40	1951			
3	0.61	15	1972			
4	2.71	69	1953			
5	0.67	17	1977			
6	3.14	80	1951			
7	0.40	10	1956			
8	1.32	34	1962			
9	1.76	45	1977			
10	0.31	8	1952			
11	0.57	14	1968			
12	2.56	65	1973			
13	1.31	33	1972			
14	1.61	41	1961			
15	0.85	22	1961			
16	0.55	14	1977			
17	0.60	15	1976			
18	0.93	24	1968			
19	1.11	28	1972			
20	1.60	41	1953			
21	1.09	28	1962			
22	2.00	51	1957			
23	0.96	24	1964			
24	0.41	10	1964			
25	1.09	28	1972			
26	2.22	56	1976			
27	2.68	68	1976			
28	2.53	64	1971			
29	0.37	9	1957*			
30	1.03	26	1977			
31						
Monthly	3.14	80	1951			

DECEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.30	33	1971			
2	1.34	34	1971			
3	1.34	34	1968			
4	1.30	33	1952			
5	1.05	27	1953			
6	1.14	29	1969			
7	0.36	9	1976*			
8	0.33	8	1967			
9	2.36	60	1966			
10	2.30	58	1967			
11	1.23	31	1953			
12	1.54	39	1961			
13	1.49	38	1953			
14	1.55	39	1949	T	T	1952
15	1.81	46	1961			
16	0.86	22	1970			
17	1.07	27	1966			
18	0.79	20	1965			
19	0.73	19	1965			
20	1.91	49	1953	T	T	1963
21	3.15	80	1972			
22	1.00	25	1953			
23	1.79	45	1956			
24	2.40	61	1964			
25	2.99	76	1964			
26	0.66	17	1973			
27	1.13	29	1967			
28	1.08	27	1966			
29	1.39	35	1977			
30	2.78	71	1973			
31	2.45	62	1961	T	T	1963
Monthly	3.15	80	1972	T	T	1963*

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:
 - (1) Annual - all hours combined
 - (2) By month - all hours combined
 - (3) By month - by standard 3-hour groups
- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

03855 PENSACOLA, FLORIDA

STATION NAME

55-77

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55	W 55E 47S	46NNE 46SSW 44S	46SSW 39SSE 49ESE 23W	42N 29NNW 29	SSW 39								
56	S 42N 36NNW 38N	37SSW 40SE 45NNW 50NNW 39N 74N	34NW 36WSW 34	N 74									
57	N 29SE 39E 35SE	56WSW 37S 42SSE 29N	26SSW 38WSW 40N	36									
58	NW 48WNW 38SSW 53N	38NNW 30WNW 34NNW 42NNW 40ENE 48E	25SSW 37N	30									
59	NNW 42WNW 36ESE 36NE	31S 34WSW 39SSW 29SSE 32ENE 47SSW	45NNW 37NW	36									
60	ENE 42S 40SSW 39WNW 48NW	45NW 36NW 33WNW 34SE 48WNW 41WNW	39SSE 49	SSE 49									
61	NNW 38W 42SE 45SSE 40WNW 43SW	57SSW 36S 47SSE 33S 30NW 33SSW	36	SW 37									
62	N 43WSW 40SSW 51N 38SW 23SSE 35N	42WNW 45W 36SSW 30SW 38N	35	SSW 51									
63	N 42W 36NW 32SW	31WSW 36WNW 44W 59NNE 30ENE 26N	25NW 37N	31									
64	NNW 32W 35WSW 41W 41SSE 37ENE 27S	33SW 26ESE 40S 51WSW 36SW	47	S 51									
65	SSW 60SSW 41WSW 40SSE 39W 23S 35NW 29S	28E 49E 27WSW 29N	26	SSW 60									
66	SSE 43WSW 43SSW 32SSE 58ESE 33NE 47ESE 38W 40E 26N	35SE 37	SSE 58										
67	NNW 31N 39NNW 35N 31W 37WNW 32SW 39S 43N	41SE 38SW 28ESE 40	S 43										
68	SW 34SSW 39W 38N 33NE 29S 34W 36ENE 30SSW 27WSW 28	W 47											
69	N 33ENE 48W 45SE 58WSW 45E 48S 43SE	62NE 35NNE 32NW 36S	48	SE 62									
70	NNW 38S 60E 43W 44SSE 36S 41S 36NNW	30ESE 31S 43W 38SW	39	S 60									
71	NNW 3527 4517 4833 3313 5935	3731 5117 3420 4307	2711 3809	36	15 59								
72	36 3932 3935 4214 3114 4631	6913 4432 3827 4118	4228 4527	44	31 69								
73	17 5119 3620 4820 5334 7204	3826 3708 3716 4420	4232 4222	46	34 72								
74	19 3421 5922 4124 3817 4727	2127 5133 4217 5009	4233 4232	40	21 59								
75	24 3217 3436 4533 3828 4127	4629 3826 3834 5023	4236 3626	38	24 52								
76	18 4321 3631 4121 3123 3330	2703 3036 3213 2616	3536 3336	37	18 43								
77	27 4321 5628 3732 3517 2725	2504 4711 3809 4002	3418 4602	36	21 56								
MEAN	41.3	42.5	41.3	40.7	39.0	39.8	40.5	37.7	39.8	35.0	36.8	38.2	36.8
S. D.	7.950	7.999	5.702	9.037	11.045	10.043	8.984	8.247	11.404	7.339	4.677	6.295	8.129
TOTAL OBS.	712	650	713	688	710	690	712	712	690	710	659	710	8356

NAYWEASERVCOM

5723 Extreme Values Jan 1969

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME
03855	PENSACOLA, FLORIDA

55-77

YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

[illegible]

NAVWEASERVCOM

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		6.3	5.0	5.2		.6						13.1	9.7
NNE		1.9	2.0	1.3	.6							6.5	9.5
NE		1.9	4.5	1.3								7.7	8.6
ENE		.0	2.6	.6								3.9	8.7
E		.6	2.6	.6								3.9	8.7
ESE		2.6	1.3	.6	.6							5.2	8.8
SE		1.9	1.9	.6								4.5	7.3
SSE	.6	1.3	4.5	1.9								8.4	8.8
S		1.3	2.6	1.9								5.8	9.1
SSW		1.3	.6	.6								2.6	8.8
SW	.6	.6	.6									1.9	5.7
WSW	.6		1.3	1.3								3.2	9.8
W	.6	1.3	3.2	1.3								6.3	8.4
WNW	1.3	1.3	.6	.6								3.9	6.3
NW	.6	1.9	1.9	1.9	.6							7.1	9.0
NNW		2.6	.6	1.3	1.3							5.8	10.6
VARBL													
CALM												5.2	
	4.5	27.7	37.4	21.3	3.2	.6						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855 STATION

PENSACOLA, FLORIDA

73-77

STATION NAME

YEARS

JAN

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	3.2	4.5	5.2	3.2							16.8	11.5
NNE	1.3	2.6	3.9	1.3	1.3							10.3	9.2
NE	.6	2.6	3.9	2.6								9.7	8.2
ENE		1.9	2.6	1.3								5.8	9.1
E	.6	2.6	4.5									7.7	7.1
ESE		1.3			.6							1.9	9.7
SE	.6	1.3	1.3	3.2								6.5	9.0
SSE	.6	.6	1.3	1.3								3.9	9.3
S	.6	1.3		3.2								5.2	10.0
SSW	.6		1.3	.6								2.6	7.5
SW		1.3	.6	.6								2.6	7.3
WSW			.6	.6								1.3	12.0
W		1.3	3.2	1.3								5.8	8.3
WNW		1.9			.6							2.6	9.0
NW		3.2	.6	1.3	.6							5.8	8.9
NNW	1.3	1.9	1.9	.6	1.9							7.7	9.6
VARBL													
CALM													
	7.1	27.1	30.3	23.2	8.4							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

06

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	7.1	6.5	1.3							16.1	11.4
NNE		5.9	1.9	1.3								9.0	7.7
NE	.6	3.2	3.9	1.9								9.7	8.2
ENE	1.9	2.6	5.2	.6								10.3	6.9
E		2.6	3.9	1.9								8.4	8.8
ESE			2.6	1.3								3.9	10.7
SE		1.9	.6	.6								3.2	7.6
SSE			.6	.6	.6							1.9	13.0
S	1.3	.6	1.3	1.9	.6							5.8	9.4
SSW	.6	2.6	1.9									5.2	6.1
SW		.6	.6									1.3	5.5
WSW	.6		.6									1.3	4.5
W	.6	1.3	1.3	.6								3.9	7.5
WNW	.6	.6	1.3		1.3							3.9	10.7
NW	.6	.6	.6	.6	.6							3.2	9.4
NNW		3.2	1.3	3.2		.6						8.4	10.8
VARBL													
CALM												4.5	
	7.1	27.1	34.8	21.3	4.5	.6						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03855

STATION NAME
PENSACOLA, FLORIDA

YEARS
73-77

MONTH
JAN

CLASS
ALL WEATHER

MOORE (L.S.T.)
09

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	4.3	7.7	3.2							19.4	11.6
NNE		1.9	3.2	3.9	.6							9.7	10.3
NE	.6	.6	1.3	2.6								5.2	9.6
ENE	1.3	1.3	3.2	5.8								10.3	11.1
E	1.3	2.6	7.7	1.9								13.3	7.7
ESE		3.2	1.9									5.2	6.8
SE	.6	1.3										1.9	4.0
SSE		.6	1.9	1.9	1.3							5.8	12.0
S		1.3	2.6	1.3								5.2	8.6
SSW			.6									.6	8.0
SW			1.3	.6								1.9	10.0
WSW		.6	1.3	.6								1.3	8.5
W	.6	1.3	1.3	1.9								5.2	8.4
WNW			1.3	1.3								2.6	11.3
NW		.6	.6	1.3	1.3	.6						4.3	14.9
NNW	1.3			1.3	1.3							3.9	12.0
VARBL													
CALM												3.9	
	5.2	18.7	31.6	32.3	7.7	.6						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

12
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIRE.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.3	3.9	6.5	3.9							17.4	11.3
NNE		.6	3.9	1.9								6.5	10.0
NE	.6	.6	1.9	.6								3.9	8.2
ENE		.6	1.9	1.3								3.9	8.8
E			7.1	3.9								11.0	10.1
ESE		1.9	3.9	3.2								9.0	9.1
SE		1.9	3.2	1.3								6.5	8.2
SSE	.6	3.9	.6	2.6	.6							8.4	8.6
S		2.6	4.5	.6	.6							8.4	8.7
SSW		1.9	1.3	.6		.6						3.9	7.0
SW			.6	1.3								2.6	15.5
WSW				.6								.6	12.0
W		1.3	.6	1.3		.6						3.9	11.3
WNW	.6			1.9	.6							3.2	12.8
NW		1.3		3.2	.6	.6						5.8	13.3
NNW		.6		3.2	1.3							5.2	14.6
VARBL													
CALM												.0	
	3.9	16.7	33.5	34.2	7.7	1.9						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

JAN

STATION NAME

YEARS

MONTH

ALL WEATHER

15

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	5.0	9.0	1.9	.6						19.4	12.3
NNE			1.3	1.3								2.6	11.0
NE		.6	1.9	1.9								4.5	10.4
ENE			.6									.6	8.0
E	1.3	1.3	3.2	3.2								9.0	8.5
ESE		1.3	9.0	1.3								11.6	8.6
SE	1.3	1.3	1.9		.6							5.2	7.8
SSE	1.3	1.3	3.2	.6								5.2	8.5
S	1.3	4.5	7.1	1.3	1.3	.6						16.1	8.8
SSW			2.6	1.3								3.9	8.5
SW			1.9	3.2								5.2	11.5
WSW			.6	1.3		.6						2.6	14.0
W				1.3								1.3	16.0
WNW			.6	.6	.6							1.9	12.7
NW	.6	.6	1.3	1.3		.6						4.5	10.7
NNW	.6	.6	1.3	1.3		.6						4.5	11.6
VARBL													
CALM												1.9	
	5.2	13.5	42.6	29.0	4.5	3.2						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

JAN

STATION NAME

YEARS

MONTH

STATION

ALL WEATHER

18

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	3.9	4.5	1.9							14.2	10.1
NNE			2.6	2.6								5.2	10.6
NE		.6		2.6								3.2	10.6
ENE		1.9	.6									2.6	5.0
E	.6	3.9	2.6	.6								7.7	6.8
ESE	1.3	3.2	2.6	1.3	.6							9.0	7.9
SE	.6	3.2	2.6	.6								9.0	6.1
SSE		1.3	1.9	.6								3.9	8.0
S	1.9	1.3	1.3	1.3								5.8	6.6
SSW		1.3		.6								1.9	7.0
SW	.6	2.6	2.6	1.9								7.7	8.0
WSW		1.3	1.9	.6								3.9	8.3
W	.6	1.9	4.5	1.9								9.0	8.5
WNW	.6	1.3	.6									2.6	5.3
NW	.6		1.3	.6	.6							3.2	9.8
NNW		1.9	2.6	1.9	.6							7.1	10.2
VARBL												3.9	
CALM												100.0	8.0
	7.7	31.0	31.6	21.9	3.9								

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	5.8	3.2	1.3							14.2	9.3
NNE	.6	2.0	.6	4.5								8.4	9.5
NIE		1.3	1.3	1.3								3.9	8.8
ENE		.6	1.9	.6								3.2	8.4
E		3.2	1.9	.6								5.8	7.7
ESE	1.3	1.9	2.0	1.9	.6							8.4	9.2
SE	1.3	2.0	3.2	1.3								8.4	7.2
SSE		1.9	4.5									6.5	7.8
S	.6	1.3	1.3	.6								3.9	7.0
SSW		1.9	1.3	.6								3.9	7.8
SW		1.3	1.3	.6								3.2	8.0
WSW	.6		1.3	1.9	.6							4.5	11.0
W	.6	1.9	.6	1.3								4.5	7.1
WNW	.6	3.2	1.9									5.8	5.7
NW	.6	1.9		.6	.6	.6						4.5	10.9
NNW	.6	1.9	1.9	.6	1.3	.6						7.1	10.5
VARBL													
CALM												3.9	
	7.7	31.0	31.6	20.0	4.5	1.3						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.0	3.2	6.0	2.1	.2						16.9	11.0
NNE	.2	1.9	2.3	2.3	.3							7.3	9.5
NE	.3	1.3	2.3	1.9								6.0	8.8
ENE	.2	1.2	2.3	1.3								5.1	8.6
E	.5	2.1	4.2	1.6								8.4	8.2
ESE	.3	1.9	3.0	1.2	.3							6.8	8.7
SE	.6	2.2	1.9	1.0	.1							5.6	7.4
SSE	.2	1.4	2.3	1.2	.3							5.3	9.2
S	.7	1.6	2.6	1.5	.3	.1						7.0	8.6
SSW	.2	1.1	1.2	.6		.1						3.1	7.4
SW	.2	.8	1.2	1.0		.1						3.3	9.2
WSW	.2	.2	.6	.9	.1	.1						2.3	10.1
W	.4	1.3	1.9	1.4		.1						5.0	8.7
WNW	.3	1.0	.8	.6	.4							3.3	8.7
NW	.4	1.3	.8	1.4	.6	.3						4.8	10.8
NNW	.5	1.6	1.2	1.7	1.0	.2						6.2	11.0
VARBL													
CALM												3.4	
	6.0	24.4	34.2	25.4	5.6	1.0						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.1	6.4	4.3	2.1							14.9	11.2
NNE		2.0	1.4	.7								5.0	6.9
NE		1.4										1.4	4.5
ENE		2.0	2.1									5.0	6.9
E		1.4	1.4	1.4								4.3	8.7
ESE		1.4	1.4	.7								3.3	8.8
SE			1.4	1.4								2.8	11.5
SSE	.7	.7	1.4	2.1	.7							5.7	9.9
S		2.0	2.0	2.1	.7	.7						9.2	11.2
SSW		.7	2.1	1.4								4.3	9.7
SW		.7	3.0									5.7	7.9
WSW			2.0	2.8								5.7	10.6
W		.7	1.4	.7	.7	.7						4.3	13.7
WNW	2.1	2.1	.7	2.1								7.1	6.6
NW	.7	2.0	.7									4.3	4.5
NNW	2.1	3.5	2.1	2.8	.7							11.3	8.6
VARBL													
CALM												5.7	
	5.7	26.2	33.3	22.7	5.0	1.4						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

STATION NAME

YEARS

FEB

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	5.0	6.4	4.3	1.4							18.4	9.4
NNE	.7	2.8	2.8	1.4								7.8	7.3
NE		2.1	2.1									4.3	7.2
ENE		2.1	2.1	.7								5.0	7.9
E		1.4	.7	.7								2.8	8.0
ESE		1.4	1.4	1.4	.7							5.0	10.0
SE	.7		1.4	.7								2.8	8.8
SSE	.7	.7	1.4									2.8	6.5
S	.7	2.1	3.5	2.1								8.5	8.8
SSW		1.4	.7	1.4	.7	.7						5.0	12.1
SW		.7	2.8	.7								4.3	8.2
WSW	.7	.7	1.4	1.4								4.3	9.0
W		.7	2.1	.7	.7							4.3	10.3
WNW	.7	.7	2.1	.7		.7						5.0	10.0
NW	.7	2.1	2.1	.7	.7							6.4	8.6
NNW	.7	2.8	2.1	2.1	.7							8.5	9.3
VARBL													
CALM												5.0	
	7.1	27.0	35.5	19.1	5.0	1.4						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

STATION NAME

73-77

YEARS

FEB

MONTH

06

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	0.4	7.1	2.8	.7							18.4	7.9
NNE	2.1	2.1	2.8	.7	.7							8.5	7.5
NE		2.8	5.0	.7								8.5	7.4
ENE		2.1	4.3	.7								7.1	8.0
E	.7	3.5	.7	2.8								7.8	7.8
ESE		.7		.7								1.4	9.5
SE		2.1	.7	.7	.7							4.3	9.7
SSE				1.4								1.4	12.5
S	.7		5.0	1.4								7.1	8.5
SSW		1.4	1.4	.7								3.5	7.6
SW	.7	.7										.7	4.0
WSW	.7	1.4	1.4	.7	.7							3.5	11.0
W	.7	2.8	.7	.7								5.0	6.7
WNW		1.4	1.4		.7							3.5	9.4
NW	.7	.7	2.1	2.1	.7							5.7	11.5
NNW	.7	2.1	2.1	1.4	.7							7.1	8.4
VARBL													
CALM												6.4	
	7.1	29.1	34.8	17.7	5.0							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.5	3.5	7.1	2.1							17.0	11.3
NNE		.7	1.4	4.3								6.4	12.0
NE		.7	1.4	.7								2.8	9.0
ENE	.7	2.8	2.8	1.4								7.8	7.4
E	.7	3.5	4.3	4.3	.7							13.5	8.9
ESE		1.4	2.1	1.4								5.0	8.1
SE		.7	.7	2.8								4.3	11.2
SSE	.7	.7	.7	1.4								3.5	8.6
S	.7	.7	3.5	2.8								7.8	9.0
SSW	1.4		1.4	1.4								4.3	8.3
SW	.7											.7	2.0
WSW			1.4	1.4	.7							3.5	12.6
W		.7	.7	3.5								5.0	11.3
WNW	.7	2.1			.7							3.5	7.6
NW		.7		2.8	.7	.7						5.0	15.1
NNW	.7	1.4	.7	2.8	1.4							7.1	10.9
VARBL													
CALM												2.8	
	7.1	19.9	24.8	38.3	6.4	.7						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

141

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03855

STATION NAME
PENSACOLA, FLORIDA

73-77

YEAR

FEB

MONTH

12

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	2.1	4.3	1.4							8.3	12.8
NNE		2.8		2.1		.7						5.7	10.5
NE		1.4		.7								2.1	8.7
ENE			1.4	.7								2.1	9.3
E		.7	2.8	2.1								5.7	10.9
ESE	.7		7.1	3.5								11.3	9.5
SE		1.4	2.1	1.4								5.0	9.1
SSE		2.1	6.4	3.5								12.1	8.9
S	.7	2.1	5.7	4.3	.7							13.5	9.7
SSW	.7		.7	2.1	.7							3.5	9.4
SW			1.4	5.7								7.8	13.0
WSW		.7		2.8								3.5	12.4
W		2.1		.7		2.1						5.0	14.7
WNW			.7	.7	.7							2.1	14.7
NW			2.8	1.4								4.3	11.3
NNW		.7	2.1	4.3	.7							7.8	11.9
VARBL												.0	
CALM													
	2.1	14.9	35.5	40.4	4.3	2.8						100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

FEB

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			4.3	4.3	.7							9.2	11.8
NNE		.7	2.1									2.8	8.5
NE			.7									.7	10.0
ENE													
E	.7		2.8		.7							4.3	9.2
ESE		.7	2.8	2.8								6.4	10.3
SE		.7	3.5	2.1								6.4	9.8
SSE			7.1	2.8	.7							10.6	10.3
S		1.4	7.1	3.5	.7							12.8	9.9
SSW		2.1	1.4	7.8								11.3	10.5
SW			2.1	7.8	.7							10.6	12.9
WSW				5.0	1.4							6.4	15.1
W			.7	.7	1.4	.7						3.5	16.2
WNW				1.4	2.1							3.5	16.8
NW			2.1	.7								2.8	10.3
NNW			1.4	4.3	2.8							8.5	14.1
VARBL													
CALM												.0	
	.7	5.7	38.3	43.3	11.3	.7						100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

FEB
MONTH

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.1	5.0	3.5	1.4							12.8	10.4
NNE		.7	1.4									2.1	6.7
NE													
ENE		.7										.7	4.0
E	1.4		.7	1.4								3.5	7.2
ESE	.7	2.1	2.1	.7								5.7	6.3
SE	1.4	1.4	2.8	2.1								7.8	8.2
SSE		.7	3.5	1.4		.7						6.4	10.2
S	.7	2.8	4.3	1.4		.7						9.9	8.9
SSW	.7	2.1	4.3	1.4								8.5	7.9
SW	.7	2.1	5.7	.7								9.2	7.2
WSW	.7	2.8	5.7	1.4								10.6	7.9
W		2.1	2.8	1.4	.7							7.1	9.1
WNW			1.4	1.4	.7							3.5	13.6
NW		.7										.7	4.0
NNW		1.4	5.7	2.8								9.9	9.1
VARBL													
CALM												1.4	
	7.1	22.0	45.4	19.9	2.8	1.4						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

FEB

STATION NAME

YEARS

NORTH

STATION

ALL WEATHER

21

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		4.3	3.5	4.3	2.1	.7						14.9	10.7
NNE		1.4	1.4	.7								3.5	7.6
NE	.7	.7										1.4	3.5
ENE	.7	.7	.7									2.1	5.0
E		.7	1.4	2.1								4.3	10.2
ESE		.7	.7	1.4								2.8	8.8
SE			1.4	1.4								2.8	12.0
SSE		1.4	1.4	3.5								6.4	9.8
S		2.8	3.5	1.4	1.4	.7						9.9	10.9
SSW	.7	.7	4.3									5.7	7.9
SW		.7	3.5	1.4	.7							6.4	10.1
WSW	.7	.7	1.4	2.8	.7							6.4	10.7
W	.7	5.0	2.1	2.1								9.9	7.1
WNW	.7	2.1	1.4	.7								5.0	6.7
NW		2.1	1.4									3.5	6.6
NNW	1.4	2.1	1.4	2.1	.7							7.8	8.8
VARB													
CALM												7.1	
	5.7	26.2	29.8	24.1	5.7	1.4						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

ALL

MOUSE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.0	4.8	4.3	1.5	.1						14.3	10.4
NNE	.4	1.8	1.7	1.2	.1	.1						5.2	8.5
NIE	.1	1.2	1.2	.3								2.7	7.3
ENE	.2	1.4	1.7	.4								3.7	7.4
E	.4	1.4	1.9	1.9	.2							5.8	8.9
ESE	.2	1.1	2.2	1.6	.1							5.1	9.0
SE	.3	.8	1.8	1.6	.1							4.5	9.7
SSE	.3	.8	2.7	2.0	.2	.1						6.1	9.6
S	.4	1.9	4.4	2.4	.4	.3						9.8	9.7
SSW	.4	1.1	2.0	2.0	.1	.1						5.8	9.3
SW	.2	.8	2.6	2.0	.3							5.7	10.0
WSW	.4	.8	1.8	2.3	.4							5.5	10.8
W	.2	1.2	1.3	1.3	.4	.4						5.5	10.4
WNW	.5	1.1	1.0	.9	.6	.1						4.2	9.9
NW	.2	1.2	1.4	1.0	.3	.1						4.1	9.7
NNW	.7	1.8	2.2	2.8	1.0							8.5	10.1
VARBL													
CALM												3.5	
	5.3	21.4	34.7	28.2	5.7	1.2						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

1120

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.9	3.9	2.6	.6							12.9	8.2
NNE		1.9		2.6								4.5	8.9
NE	.6	1.9	1.3	.6								4.5	7.3
ENE		1.9										1.9	4.7
E		.6	1.9	1.3								3.9	9.8
ESE		1.3	1.9	.6								3.9	8.2
SE	.6	.6	4.5	3.2	.6	.6						10.3	10.6
SSE	1.3	1.9	1.9	1.9								7.1	8.1
S	.6	5.2	6.5	3.9	1.3							17.4	8.8
SSW	.6	.6	1.3	1.9	.6	.6						5.2	12.3
SW	.6	.6	.6	1.3				.6				3.9	13.3
WSW	.6		1.3	.6								2.6	7.8
W	.6	1.9		2.6								5.2	8.8
WNW	.6		.6	1.3								2.6	9.5
NW	.6	.6	.6	.6								2.6	7.3
NNW		2.6	1.9	1.9								6.5	9.1
VARBL													
CALM												5.2	
	8.4	25.6	28.4	27.1	3.2	1.3		.6				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

MAR

STATION NAME

YEARS

MONTH

ALL WEATHER

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	5.2	2.6	3.2	.6							16.1	7.2
NNE	.6	5.2	1.9	1.3								9.0	6.3
NE	.6	1.9	1.9									4.5	5.9
ENE		.6	1.3									1.9	8.0
E		1.3	5.2	1.3	.6							8.4	10.0
ESE		1.3	1.3	2.6								5.2	9.6
SE		2.6	1.3	1.3								5.2	7.9
SSE		1.3	1.9	2.6	.6							6.3	10.6
S		4.5	5.2	3.2	1.3	.6						14.2	9.3
SSW			3.2									3.9	11.0
SW				3.9								3.9	12.3
WSW	1.3	1.3	.6	1.3								4.5	7.1
W	1.9	.6	2.6	.6								5.8	6.6
WNW			1.9	.6								2.6	10.0
NW			1.3	.6								1.9	10.3
NNW	.6		.6		.6							1.9	10.3
VARBL													
CALM												4.5	
	9.7	25.6	32.9	22.6	3.9	.6						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	1.9	4.5	5.2								13.5	9.0
NNE	.6	.6	.6	1.9								3.9	9.5
NE		4.5	1.3	3.2								9.0	8.8
ENE	1.3	2.6	1.3									5.2	5.4
E	.6	2.6	1.3	2.6								7.1	8.5
ESE		.6	1.3	3.9	1.3							7.1	13.2
SE		1.3	3.2	3.2	.6							8.4	10.5
SSE	.6	1.9	3.2	1.9	.6							8.4	8.8
S		1.9	4.5	3.2	.6							10.3	10.4
SSW			.6	.6								1.3	11.5
SW			1.9									1.9	9.0
WSW		.6	1.3		.6							2.6	9.5
W	.6	.6	.6	1.3	.6							3.9	10.5
WNW	.6	1.3	1.3	1.3								4.5	8.4
NW	.6	1.9	1.9	.6								5.2	7.3
NNW	.6	.6		.6								1.9	6.0
VARIABLE													
CALM												5.8	
	7.7	23.2	29.0	29.7	4.5							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

03855

STATION

PENSACOLA, FLORIDA

73-77

STATION NAME

YEARS

MAR

MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

03855

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				3.9	.6	.6						5.2	15.5
NNE	.6	1.3	1.3	3.2	.6							7.1	10.3
NE		1.3	1.9	1.9								5.2	9.1
ENE	.6	.6	3.2	2.6								7.1	9.5
E	1.3	3.2	4.5	3.9	1.3							14.2	9.7
ESE		1.3	1.3	3.9		.6						7.1	12.1
SE		2.6	2.6	4.3								9.7	9.7
SSE		2.6	3.2	3.9								9.7	9.6
S		5.2	3.2	1.9	1.3	.6						12.3	9.8
SSW			1.3	1.3	.6							3.2	12.6
SW			1.3	.6								1.9	10.7
WSW			.6									.6	8.0
W		.6	.6	1.3								2.6	11.0
WNW			1.9		.6							2.6	12.0
NW		.6		1.3	1.3							3.2	15.0
NNW		.6	1.3	2.6	.6							5.2	12.3
VARBL													
CALM												3.2	
	2.6	20.0	28.4	36.8	7.1	1.9						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

STATION NAME

73-77

YEAR

MAR

MONTH

ALL WEATHER

CLASS

12

HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	3.2	4.5								9.0	10.7
NNE			1.9	1.9								3.9	11.0
NE			2.6									2.6	8.8
ENE		.6	3.2	.6								4.5	9.4
E		.6	1.3	2.6								4.5	11.1
ESE		.6	5.8	7.7	1.3							15.3	11.9
SE	.6	1.3	3.9	3.9		.6						10.3	10.6
SSE		1.9	7.1	2.6								11.6	9.3
S		2.6	7.1	3.9	1.3							14.8	10.2
SSW			2.6	3.2	.6	.6						7.1	13.4
SW	.6		1.3	1.9	1.3							5.2	12.4
WSW				1.3	.6							1.9	17.7
W													
WNW				1.9	.6							2.6	15.5
NW				1.9	.6							2.6	15.0
NNW			.6	1.3	.6							2.6	14.5
VARBL													
CALM												1.3	
	1.3	9.0	40.6	39.4	7.1	1.3						100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

STATION NAME

73-77

YEARS

MAR

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	.6	2.6	.6							5.3	10.0
NNE	.6	.6	3.2									4.3	7.6
NE				1.3								1.3	11.5
ENE		.6	1.3									1.9	6.7
E	.6	1.3	.6	.6								3.2	7.2
ESE		2.6	4.3	7.1	1.3	.6						16.1	11.8
SE		1.9	5.8	4.3								12.3	10.1
SSE	1.3	.6	3.9	3.2								9.0	8.4
S		1.9	9.7	1.9	1.9							15.5	10.3
SSW		.6	1.3	5.8		.6						8.4	13.2
SW			2.6	5.2	1.3	.6						9.7	13.7
WSW			.6	1.3	1.9	.6						4.3	16.3
W			.6									.6	10.0
WNW				.6	.6							1.3	16.0
NW				1.3	1.3							2.6	16.3
NNW			.6	1.3	1.3							3.2	15.6
VARBL												.0	
CALM													
	3.2	11.6	35.5	36.8	10.3	2.6						100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	1.9	3.2	.6							8.4	9.9
NNE		.0	.6									1.3	7.5
NE			.6	.6								1.3	9.5
ENE		.6		.6	.6							1.9	12.0
E		.6	.6	1.9								3.2	11.0
ESE		3.9	2.0	3.9	.6							11.0	9.6
SE	1.9	3.2	4.5	3.9	1.3		.6					15.3	9.7
SSE	.6	3.9	3.9	3.2								11.6	8.6
S		2.0	4.5	5.2		.6						12.9	10.5
SSW		.6	1.9	.6								3.2	9.0
SW		1.9	3.2	1.9	.6							7.1	9.8
WSW	1.3	3.2	2.6	3.9	1.3							12.3	9.4
W		.6	1.9	1.3								3.9	9.7
WNW		.0	.6	.6								1.9	10.0
NW				.6	.6							1.3	15.0
NNW				1.3								1.3	12.0
VARBL													
CALM												1.9	
	3.9	24.2	29.7	32.9	5.8	.6	.6					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03855

PENSACOLA, FLORIDA

73-77

STATION NAME

ALL WEATHER
CLASS

YEARS

MAR
MONTH

21

MOORE (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	2.0	2.6								9.0	8.1
NNE		1.3	0.6	0.6	0.6							3.2	9.8
NE		1.3	1.3									2.6	6.5
ENE			0.6									0.6	7.0
E	0.6	0.6	3.2									4.3	7.3
ESE	0.6	0.6	1.9	3.9								7.1	10.7
SE		1.9	4.2	5.2								11.6	10.7
SSE		3.2	3.2	3.9		0.6						11.0	9.9
S	0.6	1.9	5.8	6.5								14.8	10.2
SSW	0.6		1.9	2.6								5.2	9.9
SW		1.3	1.3	1.3								3.9	9.5
WSW		1.9	1.3	1.3	0.6							5.2	10.1
W	1.9	1.9	1.3	1.9	0.6							7.7	8.3
WNW	0.6	3.2										3.9	4.8
NW	0.6	1.9		1.3	0.6							4.3	9.1
NNW		0.6	0.6									1.3	5.5
VARBL													
CALM												3.9	
	7.1	24.5	30.3	31.0	2.6	0.6						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

MAR

STATION NAME

YEARS

ALL WEATHER

CLASS

MONTH

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.3	2.4	3.5	.4	.1						10.0	9.2
NNE	.3	1.3	1.3	1.5	.2							4.7	8.7
NE	.2	1.4	1.4	1.0								3.9	8.1
ENE	.2	1.0	1.4	.5	.1							3.1	8.1
E	.4	1.4	2.3	1.8	.2							6.1	9.4
ESE	.1	1.3	2.6	4.2	.6	.2						9.1	11.2
SE	.4	1.9	3.8	3.7	.3	.2	.1					10.4	10.1
SSE	.5	2.2	3.5	2.9	.2	.1						9.4	9.1
S	.2	3.2	5.8	3.7	1.0	.2						14.0	9.9
SSW	.1	.2	1.8	2.0	.2	.3						4.7	11.9
SW	.2	.4	1.3	2.0	.4	.1		.1				4.7	11.3
WSW	.4	.9	1.0	1.2	.6	.1						4.3	10.4
W	.6	.8	1.0	1.1	.2							3.7	8.8
WNW	.2	.6	.8	.8	.2							2.7	9.9
NW	.2	.6	.3	1.0	.6							3.0	11.1
NNW	.2	.6	.7	1.1	.4							3.0	11.1
VARBL												3.2	
CALM													
	5.5	20.6	31.9	32.0	5.6	1.1	.1	.1				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

APR

YEARS

ALL WEATHER

STATION NAME

MOUTH

00

HOURS (L.S.T.)

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.7	5.3	1.3								12.7	6.7
NNE	.7	.7	.7									2.0	5.0
NE	2.0	1.3	1.3									4.7	4.4
ENE	.7	.7										1.3	4.0
E	1.3	2.0	1.3									4.7	5.3
ESE		.7	2.0									2.7	7.8
SE		.7	5.0	2.7								9.3	9.4
SSE		1.3	2.7	2.0		.7						6.7	10.6
S	.7	2.0	4.7	4.7	2.0							14.0	11.0
SSW		.7	2.0	.7								3.3	8.4
SW				.7								.7	14.0
WSW		.7	2.7	1.3								4.7	8.7
W	1.3	2.0	1.3									4.7	5.1
WRW		4.0	.7	.7								5.3	6.5
NW		1.3	3.3	.7								5.3	8.1
NNW	2.0	4.0	1.3	1.3								8.7	6.1
VARIABLE													
CALM												9.3	
	10.0	26.7	35.3	16.0	2.0	.7						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	6.0	2.7	1.3								14.0	5.7
NNE	1.3	1.3	2.0									4.7	5.4
NE	1.3	3.3	2.0	1.3								8.0	7.3
ENE	.7	2.0	.7									3.3	5.4
E	1.3	1.3	1.3	.7								4.7	6.1
ESE	.7	2.0	.7	2.0	1.3							6.7	10.5
SE		.7	2.0	4.0								6.7	11.7
SSE		1.3	2.0	1.3								4.7	8.4
S	2.7	.7	5.3	3.3								12.0	8.3
SSW		.7	1.3	2.0	1.3							5.3	12.5
SW			2.0									2.0	8.3
WSW			.7									.7	10.0
W		2.0	2.0									4.0	6.2
WNW	.7	.7		.7								2.0	7.0
NW	1.3	1.3	2.0	1.3	1.3	.7						8.0	10.9
NNW	2.0	4.7	.7	.7	.7							8.7	5.8
VARBL													
CALM												4.7	
	16.0	28.0	27.3	18.7	4.7	.7						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	4.0	3.3	1.3								10.7	6.4
NNE	3.3	3.3	4.7	.7								12.0	5.8
NE		4.7	1.3	.7								6.7	7.1
ENE	.7	2.0	2.0									4.7	5.9
E	.7	2.0	1.3	1.3								5.3	6.0
ESE			4.7	3.3	.7							8.7	11.8
SE		2.0	2.7	2.0	.7							7.3	9.8
SSE		.7	.7	2.0	.7	.7						4.7	12.3
S	1.3	.7	3.3	2.0								7.3	8.2
SSW	.7		1.3	1.3		.7						4.0	11.7
SW			.7	.7								1.3	12.0
WSW				.7								.7	12.0
W			.7									.7	7.0
WNW		2.0	1.3	.7								4.0	7.5
NW	.7	3.3	1.3	.7								6.0	7.2
NNW	.7	3.3	2.0		1.3							7.3	7.7
VARBL													
CALM												8.7	
	10.0	26.0	31.3	17.3	3.3	1.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

09

HOURS (L.S.T.)

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	1.3	2.7								4.7	11.3
NNE			2.0	3.3								5.3	11.6
NE	.7	2.0	2.0	2.0								6.7	8.5
ENE			4.7	2.7								7.3	10.4
E		2.0	5.3	4.0								11.3	9.4
ESE		.7	5.3	4.0	.7							10.7	10.8
SE			.7	5.3	2.0							8.0	14.9
SSE		1.3	4.0	4.0								9.3	10.1
S	.7	1.3	5.3	2.7	.7							10.7	9.7
SSW			2.0	.7			.7					3.3	14.8
SW				.7								.7	12.0
WSW				.7	.7							1.3	14.5
W		.7	.7	.7								2.0	8.7
WNW			.7			.7						1.3	16.5
NW			3.3	1.3	1.3							6.0	11.4
NNW		2.7	2.7	1.3	1.3							8.0	10.3
VARB													
CALM												3.3	
	1.3	11.3	40.0	36.0	6.7	.7	.7					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03855

STATION NAME
PENSACOLA, FLORIDA

73-77

YEAR

APR

MONTH

ALL WEATHER

CLASS

12

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			2.7	1.3	.7							4.7	11.4
NNE			1.3									1.3	7.5
NE		.7	.7	.7								2.0	8.0
ENE			.7									.7	10.0
E		1.3	.7	1.3								3.3	8.8
ESE	.7	.7	7.3	7.3	.7							16.7	10.6
SE		.7	2.7	8.0	1.3							12.7	13.2
SSE		1.3	6.7	4.0								12.0	9.6
S		1.3	9.3	8.0	1.3							20.0	10.8
SSW			2.7	5.3	.7		.7					8.7	13.0
SW				2.0	.7							2.7	14.8
WSW						.7						.7	25.0
W			1.3		.7							2.0	12.7
WNW			.7									.7	8.0
NW			.7	2.0	1.3							4.0	15.3
NNW		.7	3.3	2.7								6.7	10.4
VARBL													
CALM												1.3	
	.7	6.7	40.7	42.7	6.7	.7	.7					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	2.7	1.3								4.7	10.7
NNE			.7									.7	10.0
NE				2.0								2.0	11.7
ENE	.7											.7	3.0
E			.7	.7								1.3	11.0
ESE	.7	1.3	2.0	2.0	.7							6.7	9.5
SE		1.3	2.0	6.7	1.3							11.3	12.9
SSE			8.7	3.3								12.0	10.2
S		2.7	13.3	5.3	1.3							22.7	10.1
SSW		1.3	2.0	7.3	1.3	.7						12.7	12.5
SW				11.3								11.3	13.4
WSW			1.3	1.3	.7	.7						4.0	15.7
W					.7							.7	18.0
WNW				1.3		.7						2.0	19.0
NW			1.3	1.3	1.3							4.0	14.3
NNW	1.3			.7	1.3							3.3	11.2
VARB													
CALM												.0	
	2.7	7.3	34.7	44.7	8.7	2.0						100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03955

PENSACOLA, FLORIDA

73-77

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

18

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	4.0	3.3								8.0	9.6
NNE		.7	.7									1.3	7.5
NE				.7								.7	15.0
ENE													
E		.7	1.3	.7								2.7	8.5
ESE		1.3	2.0	1.3								4.7	9.4
SE		1.3	2.7	3.3	2.0							9.3	12.0
SSE	1.3	4.0	4.0	4.7								14.0	8.7
S	.7	2.7	8.0	.7	.7							12.7	7.9
SSW	.7	.7	5.3	.7	.7							8.0	8.8
SW		2.7	6.0	2.0								10.7	8.5
WSW	1.3	2.7	5.3	2.7								12.0	8.0
W	.7	1.3	3.3	1.3								6.7	8.5
WNW				1.3								1.3	13.0
NW			.7	1.3								2.0	13.0
NNW			2.0	.7	.7							3.3	11.6
VARBL													
CALM												2.7	
	4.7	18.7	45.3	24.7	4.0							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

APR

YEARS

MONTH

21

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.7	4.0	1.3								8.0	8.0
NNE	.7	.7	1.3									2.7	5.8
NE			.7									.7	8.0
ENE													
E			2.0	.7								2.7	9.3
ESE	1.3	1.3	.7	.7								4.0	6.2
SE	.7	2.0	4.0	4.0								10.7	9.8
SSE		2.0	7.3	2.7								12.0	9.1
S	.7	2.7	4.7	3.3	.7							12.0	9.9
SSW	.7	.7	2.0									3.3	6.8
SW		.7	1.3	.7	.7							3.3	10.0
WSW		1.3	4.0	.7								6.0	7.8
W	2.0	8.0	1.3	.7								12.0	5.2
WNW		1.3	1.3	1.3								4.0	8.5
NW	1.3	.7	1.3	.7	.7							4.7	8.1
NNW	1.3	.7	2.0	2.0								6.0	7.8
VARBL													
CALM												8.0	
	8.7	24.7	38.0	18.7	2.0							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.4	3.2	1.7	.1							8.4	7.9
NNE	.7	.8	1.7	.5								3.7	7.0
NE	.5	1.5	1.0	.9								3.9	7.6
ENE	.3	.0	1.0	.3								2.2	7.5
E	.4	1.2	1.7	1.2								4.3	8.1
ESE	.4	1.0	3.1	2.6	.5							7.6	10.2
SE	.1	1.1	2.6	4.5	.9							9.4	11.8
SSE	.2	1.5	4.5	3.0	.1	.2						9.4	9.7
S	.8	1.7	6.7	3.7	.8	.2	.2					13.9	9.7
SSW	.2	.5	2.3	2.2	.4	.2						6.1	11.4
SW	.4	.4	1.2	2.2	.2							4.1	11.2
WSW	.2	.6	1.7	.9	.2	.2						3.7	9.9
W	.5	1.7	1.3	.3	.2							4.1	6.9
WNW	.1	1.0	.6	.7		.2						2.6	9.3
NW	.4	.8	1.7	1.2	.7	.1						5.0	10.6
NNW	.9	2.0	1.7	1.2	.7							6.3	8.3
VARB												4.7	
CALM												100.0	9.0
	6.7	18.9	36.6	27.3	4.7	.7	.2						

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	1.9	4.5	.6								11.0	5.9
NNE	1.9	1.9	2.6									6.3	5.7
NE	.6	1.9										2.6	4.0
ENE			.6									.6	8.0
E	.6	.6	1.9	.6								3.9	7.0
ESE				.6								.6	12.0
SE	.6		1.3	1.9								3.9	10.6
SSE		2.6	3.9	1.3								7.7	8.2
S	.6	3.2	1.3	5.2								10.3	9.8
SSW		.6	1.3	1.9								3.9	9.3
SW	.6	2.6	1.3	1.3	1.3							7.1	9.6
WSW		.6	3.2	3.2								4.3	4.3
W	1.3	2.6	.6									1.9	8.7
WNW		.6	.6	.6								7.7	3.8
NW	3.9	2.6	1.3									5.8	5.6
NNW	1.3	2.6	1.9										
VARBL													
CALM												14.8	
	15.5	24.5	26.5	17.4	1.3							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03855

PENSACOLA, FLORIDA

73-77

MAY

STATION NAME

YEARS

ALL WEATHER

CLASS

MAY

MONTH

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	5.8	5.2									12.3	4.6
NNE	.6	5.6	1.3	.6								7.7	5.8
NE	.6	2.6		1.3								4.5	6.4
ENE		1.9	.6									2.6	5.5
E	.6	.6	1.3	1.3								3.9	8.7
ESE		1.3	.6									1.9	6.3
SE	.6	1.3	1.9	1.9								5.8	8.4
SSE		1.9	.6	1.3								3.9	7.5
S			2.6	3.9	.6							7.1	12.5
SSW	.6	.6	3.2									4.5	7.7
SW		.6	1.9	2.6	.6							5.8	10.6
WSW		3.2	.6	1.9								5.8	8.1
W	1.3	3.9	1.9									7.1	5.7
WNW	.6	.6		.6								1.9	7.3
NW	3.2	1.3	.6	.6								5.8	4.6
NNW	3.2	2.6	2.6									8.4	5.6
VARBL													
CALM												11.0	
	14.8	33.5	23.2	16.1	1.3							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.1	5.0	3.2									16.1	4.3
NNE	1.9	3.9	1.3									7.1	4.9
NE		6.3	1.9	.6								9.0	5.6
ENE	.6	2.6	.6	.6								4.3	6.3
E	1.3	2.6	1.9	.6								6.3	6.7
ESE			.6	1.3								1.9	12.7
SE				2.6	.6							3.2	14.0
SSE	.6		3.2	1.3								5.2	8.8
S		.6	3.9	3.9								8.4	10.3
SSW	1.3	1.3	.6	.6								3.9	6.2
SW		.6	1.3	.6	.6							3.2	10.8
WSW	.6		1.3	1.3								3.2	8.0
W	1.3	1.9	1.9	.6								5.8	6.4
WNW	.6	.6										1.3	4.5
NW	.6	1.3	1.3	.6								3.9	6.3
NNW	1.3	4.5		1.3								7.1	5.5
VARBL													
CALM												9.7	
	17.4	32.3	23.2	16.1	1.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

09
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	.6	1.3	.6		.6					6.5	10.4
NNE	.6	1.9		1.3								3.9	7.0
NE	.6	.6	1.3	3.9								6.5	9.9
ENE	.6	2.6	2.6	.6	.6							7.1	7.7
E		1.3	4.5	.6								6.5	8.9
ESE	1.3	.6	3.2	2.6	1.3							9.0	10.0
SE	1.9	4.5	2.6	2.6	.6	.6						12.9	8.5
SSE	.6	2.6	3.2	1.3								7.7	8.3
S	1.3	1.3	2.6	.6	1.3							7.1	8.9
SSW		.6	2.6	4.5								7.7	11.3
SW			1.3	2.6	.6							4.5	12.9
WSW			1.3	1.9								3.2	11.4
W	.6	2.6		1.9								5.2	8.6
WNW		.6	1.3									1.9	7.7
NW		.6										.6	5.0
NNW	1.3	1.3	4.5	1.3								8.4	7.6
VARBL												1.3	
CALM												100.0	9.1
	9.7	24.5	31.6	25.8	5.8	.6	.6						

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

MAY
MONTH

12
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.3	.6								2.6	9.0
NNE			1.3	.6								1.9	10.0
NE			.6		.6							1.3	13.5
ENE		.6	.6									1.3	7.0
E	1.3	1.3	1.9	.6								5.2	6.5
ESE		.6	3.2	1.9								5.8	8.9
SE	.6	.6	4.5	4.5	.6							11.0	10.8
SSE		.6	8.4	2.6	.6							12.3	9.9
S		3.2	16.1	5.2	1.3							25.8	9.9
SSW			5.6	3.9	1.3	.6						11.6	12.6
SW			.6	7.1	3.2	.6						11.6	15.1
WSW	.6			1.3								1.9	10.3
W			1.3		.6							1.9	12.3
WNW				.6								.6	14.0
NW			1.3	1.3								2.6	10.5
NNW		.6	.6		.6							1.9	10.3
VARBL													
CALM												.6	
	2.6	8.4	47.7	30.3	9.0	1.3						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			3.2	1.3								4.3	9.9
NNE		.6										.6	5.0
NE		.6	.6									1.3	7.0
ENE													
E			.6									.6	10.0
ESE			1.3	.6								1.9	9.3
SE		1.3	1.9	3.9								7.1	10.9
SSE	.6	1.3	2.6	3.9								8.4	9.3
S		3.2	19.4	1.9		1.3						25.8	9.5
SSW			1.3	11.0								12.3	13.1
SW			2.6	9.0	3.2							14.6	14.2
WSW			1.9	7.7	4.5							14.2	14.7
W	.6		1.3	.6								2.6	9.0
WNW													
NW		1.3	.6									1.9	6.3
NNW			1.9	.6								2.6	9.8
VARBL													
CALM												1.3	
	1.3	8.4	39.4	40.6	7.7	1.3						100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 03855 PENSACOLA, FLORIDA STATION NAME YEARS 73-77 MONTH MAY 16 HOURS (L.S.T.) 16

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.3	2.6		.6						5.6	11.6
NNE			.6									.6	8.0
NE			.6									.6	10.0
ENE													
E		.6		1.3								1.9	10.0
ESE			.6									.6	7.0
SE	.6	.6	3.9	2.6								7.7	9.3
SSE	1.9	3.9	1.9	3.2	.6							11.6	8.3
S		3.9	5.2	1.3								10.3	7.8
SSW	1.9	1.9	3.2	1.9	.6	.6						10.3	9.1
SW		3.9	3.9	7.7								15.3	9.8
WSW	.6	5.2	8.4	6.5	.6							21.3	8.9
W		3.2	4.0	1.3								7.1	7.9
WNW			1.3	.6								1.9	9.0
NW	1.3		1.3									2.6	5.3
NNW		.6	.6									1.3	6.0
VARBL												.6	
CALM													
	6.5	25.2	35.5	29.0	1.9	1.3						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 155

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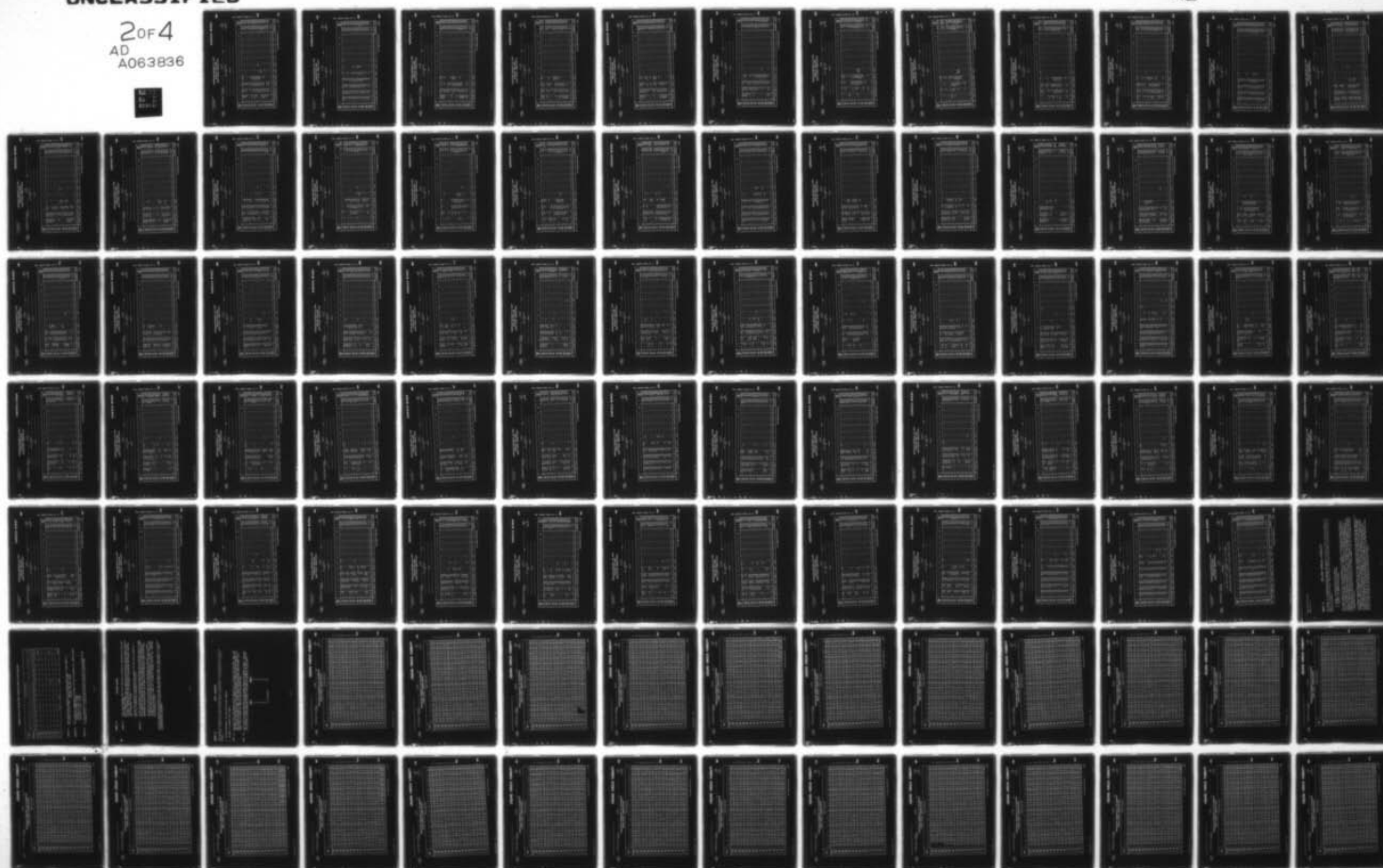
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) PENSACOLA--ETC(U)
JUL 78

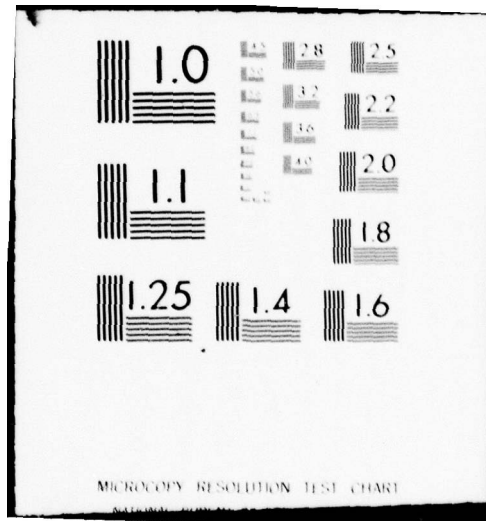
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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.9	1.9	1.3								8.4	6.8
NNE	.6	.6	.6									1.9	5.0
NE	.6	.6	.6									1.9	4.7
ENE			.6									.6	7.0
E		.6	.6									1.3	5.5
ESE	.6	1.3	1.3	.6								2.6	7.3
SE		1.9	1.9	1.9								5.8	9.2
SSE	1.3	.6	2.6	4.5								9.0	10.6
S	.6	3.2	1.9	3.2		.6						9.0	8.7
SSW		1.9	2.6	1.3								6.5	9.7
SW		3.2	1.9	2.6	.6							8.4	9.4
WSW	1.9	1.3	7.1		.6							11.6	7.8
W	3.9	6.4	2.6	.6	.6							15.5	5.4
WNW	.6	1.9			.6							3.2	7.4
NW	.6	1.9	.6									3.2	4.6
NNW		2.6	1.9									4.5	6.6
VARBL												6.5	
CALM												100.0	7.2
	12.3	33.2	29.0	16.1	1.9	.6							

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

MAY

NORTH

ALL WEATHER
CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	2.8	2.4	.8	.2	.1	.1					8.4	6.7
NNE	.7	1.8	1.0	.3								3.8	6.0
NE	.3	1.6	.7	.7	.1							3.3	7.1
ENE	.2	1.0	.7	.2	.1							2.1	6.9
E	.3	1.0	1.6	.6								3.7	7.7
ESE	.2	.3	1.4	1.0	.2							3.1	9.3
SE	.6	1.3	2.3	2.7	.2	.1						7.2	9.9
SSE	.5	1.7	3.3	2.4	.2							8.2	9.0
S	.3	2.3	6.6	3.1	.4	.2						13.0	9.6
SSW	.5	.9	2.6	3.1	.2	.2						7.6	10.6
SW	.1	1.4	1.9	4.2	1.3	.1						8.9	11.8
WSW	.5	1.4	3.0	3.0	.7							8.5	10.1
W	1.1	2.8	1.3	.6	.1							6.2	6.6
WNW	.2	.6	.4	.3	.1							1.6	7.9
NW	1.2	1.1	.9	.3								3.3	5.4
NNW	.9	1.9	1.8	.4	.1							5.0	6.6
VARBL													
CALM												5.7	
	10.0	23.8	32.0	24.0	3.8	.6	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03855

STATION NAME
PENSACOLA, FLORIDA

YEARS
73-77

MONTH
JUN

ALL WEATHER
CLASS

00
MOVES (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIRE.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	4.7	.7	2.0								10.7	5.6
NNE	1.3	.7										2.0	3.0
NE	1.3	1.3	.7	.7								4.0	5.5
NNE		2.0										2.0	5.0
E		1.3	2.0									3.3	7.6
ESE		.7	.7									1.3	8.0
SE	.7	.7	.7	.7								2.7	7.3
SSE		2.0	1.3	1.3								4.7	8.6
S		1.3	2.7	2.7								6.7	9.8
SSW	.7	.7	2.0									3.3	6.6
SW		2.7	3.3									6.0	7.3
WSW	1.3	2.0	6.0	.7								10.0	6.7
W	3.3	3.3	3.3									12.0	5.3
WNW	2.7	2.7										5.3	3.4
NW	.7	.7										1.3	3.3
NNW	2.0	6.0	1.3									9.3	4.7
VARBL													
CALM												15.3	
	17.3	34.7	24.7	8.0								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	6.7	2.7	1.3								14.7	5.4
NNE	3.3	1.3	1.3									6.0	4.7
NE													
ENE	1.3	.7	.7									2.7	4.5
E		1.3	2.7	1.3								5.3	8.8
ESE			.7									.7	8.0
SE		.7										.7	6.0
SSE		.7		1.3								2.0	9.3
S	.7	2.7	6.0	2.0								11.3	8.1
SSW		.7	.7	1.3								2.7	9.8
SW	1.3	.7	1.3	.7								4.0	6.5
WSW	.7	4.0	2.0									6.7	5.9
W	1.3	5.3	4.7									11.3	6.1
WNW	2.7	.7	2.0									5.3	4.9
NW	3.3	2.7										6.0	3.3
NNW	2.0	4.0	.7									6.7	4.3
VARBL													
CALM												14.0	
	20.7	32.0	25.3	8.0								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

06

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIRE.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.3	8.7	4.0	.7								20.7	4.9
NNE	2.7	4.7	2.7	.7								10.7	5.7
NE	.7	3.3	.7									4.7	5.0
ENE	.7	1.3		.7								2.7	5.5
E		2.0	2.7	1.3								6.0	8.2
ESE		.7										.7	6.0
SE		.7	1.3	.7								2.7	8.0
SSE		2.0										2.0	5.7
S	.7	2.7	.7	2.7								6.7	8.1
SSW		.7	2.0	1.3								4.0	9.3
SW		1.3										1.3	5.0
WSW	.7	4.0	.7	.7								6.0	6.4
W	2.0	2.7	1.3									6.0	4.9
WNW	2.0	4.0	2.0									8.0	4.8
NW	2.0	1.3	.7									4.0	4.2
NNW	2.0	2.0	.7									4.7	3.9
VARBL												9.3	
CALM													
	20.7	42.0	19.3	8.7								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

150

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

09
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	4.7	2.7									9.3	5.6
NNE	2.7	2.0	.7	2.0								7.3	6.5
NE	2.0	3.3	.7	.7								6.7	5.3
ENE	.7	.7	2.0									3.3	6.8
E	.7	1.3	5.3	.7								8.0	7.7
ESE		2.0	.7	.7								3.3	6.6
SE	.7	1.3	2.7	.7								5.3	6.9
SSE		1.3	4.7	.7								6.7	7.8
S		3.3	5.3	1.3								10.0	8.1
SSW		.7	4.7	1.3								6.7	8.9
SW		.7	4.0	2.7								7.3	9.8
WSW		.7	.7	1.3	.7							3.3	12.2
W		.7	3.3	2.0								6.0	9.6
WNW			1.3	1.3								2.7	10.5
NW	.7	.7	4.0	.7								6.0	8.1
NNW	1.3	3.3	2.0	.7								7.3	5.9
VARBL												.7	
CALM													
	10.7	26.7	44.7	16.7	.7							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73077
YEARS

JUN
MONTH

ALL WEATHER
CLASS

12
MOVES (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.7	1.3								2.0	10.3
NNE		.7	.7	1.3								2.7	9.3
NE		.7										.7	5.0
ENE				.7								.7	11.0
E	1.3											1.3	3.0
ESE			2.0	2.7								4.7	10.9
SE		1.3	6.7	.7								8.7	9.1
SSE			6.7	1.3								8.0	8.9
S	.7	4.0	18.7	8.0								30.7	9.2
SSW		.7	6.7	5.3	2.0							15.3	10.7
SW			1.3	10.7	2.7							14.7	14.5
WSW			1.3	2.7								4.0	12.5
W		1.3		1.3								2.7	9.0
WNW			1.3									1.3	7.5
NW													
NNW		1.3		.7								2.0	6.7
VARBL												.7	
CALM													
	2.0	10.0	46.0	36.7	4.7							100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

JUN

STATION

STATION NAME

YEARS

MONTHS

ALL WEATHER

15

NUMBER (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

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SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7		2.0								2.7	11.5
NNE													
NE			.7	.7								1.3	10.0
ENE		.7		.7								1.3	10.0
E													
ESE				1.3								1.3	13.5
SE	1.3	.7	2.0	.7								4.7	7.1
SSE		1.3	6.7	.7								8.7	8.5
S	.7	.7	13.3	6.7								23.3	9.9
SSW			3.3	6.0								11.3	11.0
SW		.7	1.3	24.0	3.3							29.3	13.5
WSW			.7	6.0	2.7							9.3	15.0
W				2.0								2.0	13.0
WNW			.7									.7	8.0
NW		.7	1.3									2.0	7.3
NNW													
VARBL													
CALM												2.0	
	2.0	5.3	34.0	50.7	6.0							100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

JUN

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

CLASS

18

MOVES (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIRE.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	2.0	.7	.7							4.7	9.4
NNE		1.3	1.3									2.7	7.5
NIE													
ENE			2.0										
E		.7	1.3	.7								2.0	10.0
ESE	.7	.7										2.7	9.8
SE			1.3									1.3	4.0
SSE	1.3	.7	2.0	.7								1.3	9.5
S		2.0	9.3	2.0								4.7	6.6
SSW	.7	1.3	4.7	1.3								13.3	8.6
SW		4.7	6.0	4.7								8.0	8.3
WSW	2.0	8.7	10.7	9.3								17.3	8.8
W		1.3	2.0	.7								30.7	8.7
WNW		.7										4.0	7.8
NW				.7								.7	6.0
NNW	.7	2.7	1.3	.7								.7	11.0
VARBL												5.3	6.5
CALM												.7	
	5.3	26.0	46.0	21.3	.7							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEAR

JUN
MONTH

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	4.0	2.7	.7								9.3	6.6
NNE		1.3	1.3									2.7	6.5
NE			.7									.7	10.0
NNE		.7	.7	.7								2.0	8.3
E	.7	.7	1.3									2.7	6.3
ESE	.7	.7		.7	.7							2.0	13.0
SE	.7	.7		.7								2.0	6.7
SSE		1.3	2.0	1.3								4.7	8.4
S	2.0	2.0	6.7	.7								11.3	6.7
SSW	1.3	5.3	2.0	.7								9.3	6.1
SW		2.0	2.7									4.7	7.3
WSW		5.3	5.3	1.3								10.0	7.4
W	1.3	12.0	4.0									17.3	5.4
WNW	.7	4.7	.7									6.0	4.8
NW	.7	2.7										3.3	4.8
NNW	.7	1.3	.7	.7								3.3	6.4
VARBL													
CALM												8.7	
	10.0	44.7	28.7	7.3	.7							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

JUN

STATION

STATION NAME

YEAR

MONTH

ALL WEATHER

ALL

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.0	1.9	1.1	.1							9.2	6.1
NNE	1.2	1.5	1.0	.5								4.2	6.0
NE	.5	1.1	.4	.2								2.2	5.8
ENE	.3	.7	.7	.3								2.1	7.0
E	.3	.9	1.9	.5								3.7	7.8
ESE	.1	.6	.5	.7	.1							1.9	9.3
SE	.4	.7	1.8	.5								3.5	7.8
SSE	.2	1.2	2.9	.9								5.2	8.1
S	.5	2.3	8.1	3.2								14.2	8.8
SSW	.4	1.2	3.5	2.2	.2							7.6	9.2
SW	.2	1.6	2.7	5.3	.7							10.5	11.2
WSW	.6	3.1	3.2	2.7	.4							10.0	9.0
W	1.0	3.6	2.3	.7								7.7	6.4
WNW	1.0	1.6	1.0	.2								3.7	5.3
NW	.9	1.1	.7	.2								2.9	5.5
NNW	1.1	2.6	.8	.3								4.8	5.3
VARBL												6.4	
CALM	11.1	27.7	33.6	19.7	1.6							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03855 STATION

PENSACOLA, FLORIDA

73-77

STATION NAME

ALL WEATHER
CLASS

JUL
MONTH

00
HOURS (L.S.T.)

YEARS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.0	.6									5.8	3.9
NNE	3.9	1.9	1.3									7.1	4.0
NE	1.3	1.3										2.6	3.3
ENE		1.3	.6									1.9	3.3
E	.6	1.9	1.3									3.9	3.8
ESE	.6	.6	.6									1.9	3.0
SE	1.3	2.0										3.9	4.0
SSE													
S	.6	.6	1.9			.6						3.9	9.3
SSW	1.3	3.2	3.9	1.9								10.3	7.4
SW	.6	1.3	2.6									4.5	6.7
WSW	.6	3.8	1.3	.6								8.4	6.1
W	2.6	6.3	3.2	.6								12.9	5.5
WNW	.6	3.9	.6									5.2	4.9
NW	1.3	2.6	.6									4.5	3.0
NNW	2.6	2.6										5.2	3.1
VARBL												18.1	
CALM												100.0	4.5
	20.6	38.7	18.7	3.2		.6							

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

03

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	5.0	1.3									9.0	4.4
NNE	1.3	2.6										3.9	3.7
NE	2.6	2.6										5.2	3.6
ENE	1.3	2.6	.6									4.5	4.6
E	.6	1.3	1.3									3.2	5.8
ESE		.6	.6									1.3	6.5
SE		.6	.6									1.3	6.5
SSE	.6	1.3	.6									1.9	4.3
S		1.3	.6	1.3	.6	.6						4.5	12.3
SSW		.6	.6	.6								1.9	7.7
SW		2.6	1.9									4.5	6.6
WSW		1.9	.6	.6								3.2	6.6
W	3.2	5.6	1.3	.6								11.0	5.2
WNW	3.2	4.5										7.7	3.9
NW	1.9	4.5	.6									7.1	4.6
NNW	.6	6.3	.6									7.7	4.7
VARBL												21.9	
CALM												100.0	4.2
	17.4	45.2	11.0	3.2	.6	.6							

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

06

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.5	5.2	1.9									13.5	4.0
NNE	3.9	3.2	.6									7.7	3.8
NE	1.9	1.9	.6									4.5	4.7
ENE	.6	1.9	1.9	.6								5.2	7.0
E	1.3	1.3	1.9									4.5	5.7
ESE	.6											.6	2.0
SE	.6		.6									1.3	6.5
SSE													
S		1.3	1.9									3.2	7.0
SSW	.6			.6								1.3	7.5
SW			.6	1.3								1.9	11.0
WSW		1.9	1.3									3.2	6.0
W	4.5	3.2	.6									8.4	3.8
WNW	1.3	2.6	.6	1.3								5.8	6.8
NW	3.9	5.2	3.2									12.3	5.2
NNW	.6	5.2	.6									6.5	5.4
VARBL													
CALM												20.0	
	26.5	32.9	16.6	3.9								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03855
STATION

PENSACOLA, FLORIDA

73-77

STATION NAME

YEARS

JUL

MONTH

ALL WEATHER

CLASS

09

MOUSE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		5.2	3.2									8.4	6.6
NNE	1.3	1.3	.6	.6								3.9	6.2
NE	1.3		1.9	.6								3.9	6.7
ENE	.6	.6	1.9	.6								3.9	7.2
E	2.6	1.3	2.6	.6								7.1	6.1
ESE		1.3	2.6	1.9								5.8	8.9
SE	.6	1.9	3.2									5.8	6.8
SSE	1.3	3.9	.6									5.8	5.3
S		1.9	1.9	.6	.6							5.2	9.6
SSW	1.3	1.9	.6	.6	.6	.6						5.2	8.4
SW	.6		3.2	1.3	.6							5.8	9.9
WSW		1.9	.6	.6								3.2	6.2
W		.6	1.9	1.9								4.5	10.3
WNW		1.3	2.6	1.3								5.2	8.8
NW	1.3	1.3	7.1	.6								10.3	7.7
NNW		4.5	5.2	1.9								11.6	7.7
VARBL													
CALM												4.5	
	11.0	29.0	40.0	13.5	1.3	.6						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

12
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	6.0
NNE				.6								.6	14.0
NE				.6								1.3	11.0
ENE			.6									1.9	9.7
E			1.3	.6								5.8	9.6
ESE		1.9	1.3	2.6								6.3	9.7
SE		.6	3.9	1.9								9.7	7.8
SSE		3.2	5.6	.6								24.3	9.0
S	.6	3.2	16.1	5.2		.6						18.7	10.6
SSW		.6	9.0	7.1	.6							13.5	13.1
SW			3.2	8.4	1.9							1.9	10.7
WSW		.6	.6		.6							3.9	10.0
W			2.6	1.3								1.9	13.3
WNW				1.3	.6							1.9	10.0
NW			.6	1.3								5.2	6.8
NNW		3.2	1.3	.6								1.9	
VARBL												1.9	
CALM												100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03955
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	.6	.6								2.6	7.3
NNE		.6										.6	6.0
NE					.6							.6	17.0
ENE	.6											.6	3.0
E		.6										.6	6.0
ESE													
SE		1.9	1.9	.6								4.3	8.0
SSE		.6	5.6	1.3								7.7	9.0
S		2.6	9.7	5.2								17.4	9.8
SSW			7.1	8.4	.6							16.1	11.2
SW	.6	1.3	7.1	16.1	3.2							28.4	12.3
WSW	.6		1.9	6.5	2.6							11.6	13.6
W		.6	.6	1.9		.6						3.9	12.3
WNW			1.3	.6	.6							2.6	12.3
NW		.6	.6									1.3	8.0
NNW			.6	.6								1.3	10.5
VARBL													
CALM												.0	
	1.9	10.3	37.4	41.9	7.7	.6						100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	3.9	1.3								7.7	8.5
NNE	.6	.6	.6	.6								2.6	7.3
NE				.6								.6	13.0
ENE													
E	.6	.6		.6								1.9	7.7
ESE	1.3		1.3									2.6	5.5
SE			1.3									1.3	8.0
SSE	.6	1.3	1.3									3.9	5.7
S		2.0	2.0	.6								5.8	7.1
SSW		2.0	6.3	3.2								12.3	8.7
SW		1.3	5.8	3.2	.6							11.6	9.3
WSW	.6	7.7	12.3	5.2	.6							25.8	9.0
W		2.0	7.1	1.3								11.6	8.3
WNW		1.3	2.0									3.9	7.7
NW	1.3	.6	.6									2.6	4.0
NNW			1.3									1.9	8.7
VARBL													
CALM												3.9	
	5.2	25.2	47.7	16.8	1.3							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

03855

PENSACOLA, FLORIDA

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

21

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		2.0	.6									3.2	6.0
NNE	1.3	1.3		.6								3.2	5.2
NE		2.0	.6		.6							3.9	7.5
ENE		1.9										1.9	5.3
E		.6		1.3								1.9	11.3
ESE		1.9		1.3								3.2	7.6
SE													
SSE	.6	3.2			.6							4.5	6.1
S		2.0	3.2	.6								6.5	7.7
SSW	.6	1.9	1.9		.6							5.2	7.8
SW	.6	4.5	1.9	.6								7.1	6.2
WSW	1.3	5.0	3.9	.6								11.6	6.2
W	1.9	9.0	5.8	1.9								18.7	6.6
WNW	2.6	6.5	1.3									10.3	4.2
NW	.6	1.9	.6									3.2	5.0
NNW	1.3	.6	1.3									3.2	5.2
VARBL													
CALM												12.3	
	11.0	47.1	20.6	7.1	1.9							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.2	1.5	.2								6.4	5.5
NNE	1.5	1.5	.4	.2								3.6	4.6
NE	.9	1.0	.4	.2	.2							2.7	6.0
ENE	.4	1.0	.7	.2								2.4	6.3
E	.7	1.0	1.0	.4								3.1	6.7
ESE	.3	.8	.8	.7								2.7	7.8
SE	.3	1.0	1.5	.3								3.1	7.4
SSE	.4	1.8	1.7	.2	.1							4.2	7.0
S	.1	2.0	4.8	1.7	.2	.2						8.9	9.1
SSW	.6	1.4	3.7	2.8	.2	.2						8.9	9.4
SW	.3	1.5	3.2	3.9	.8							9.7	10.6
WSW	.3	3.2	2.8	1.8	.5							8.6	8.6
W	1.6	3.5	2.9	1.2		.1						9.4	6.9
WNW	1.0	2.5	1.1	.6	.2							5.3	6.4
NW	1.3	2.1	1.8	.2								5.4	5.9
NNW	.6	2.8	1.5	.4								5.3	6.1
VARBL													
CALM												10.3	
	11.8	30.3	29.8	15.2	2.1	.4						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03855
STATION

PENSACOLA, FLORIDA

73-77

AUG

STATION NAME

YEARS

NORTH

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.8	3.2	1.3									10.3	3.6
NNE	4.3	.6	1.3									6.3	3.8
NE	1.9	3.9	1.9									7.7	5.3
ENE		1.9	.6	2.6								5.2	9.1
E	.6	4.3	1.3	1.3								7.7	7.1
ESE	.6		1.3									1.9	6.7
SE	.6	3.2	1.3	.6								5.8	6.3
SSE		1.3	1.9	1.3								4.3	8.1
S		.6	1.3	1.9								3.9	9.5
SSW		.6	1.9									2.6	6.3
SW	.6			.6								.6	14.0
WSW	.6	1.9	.6									3.2	5.8
W	3.2	3.9										7.1	4.0
WNW	.6	.6	.6									1.9	4.7
NW	.6	2.6	1.3									4.3	5.3
NNW	1.3	3.2										4.3	4.3
VARBL													
CALM												21.9	
	20.6	32.3	16.6	8.4								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

AUG

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	9.0	.0									14.2	4.0
NNE	1.9	2.2										7.1	4.0
NE	1.3	6.5	1.3									9.0	4.9
ENE	.6	4.2	1.3	.6								7.1	6.4
E	4.5	1.9	3.2	1.3								11.0	6.2
ESE			1.3	1.9								3.2	10.8
SE	1.9	1.9	1.9	.6								6.5	6.2
SSE	.6	.6										1.3	3.5
S		1.3	1.9	1.3								4.5	9.4
SSW		.6										.6	6.0
SW			.6	.6								1.3	10.5
WSW		1.9	.6	.6								2.6	7.0
W		4.2	.6									5.2	5.5
WNW	1.9	.6										2.6	3.0
NW	.6	1.3										1.9	4.0
NNW	3.9	2.6	.6									7.1	3.4
VARBL													
CALM												14.8	
	21.9	42.6	13.2	7.1								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	7.1	2.6									13.3	4.9
NNE	5.6	5.2	3.2									14.2	4.3
NE	1.9	11.0	1.9									13.3	5.0
ENE	1.3	3.9	3.9									9.0	5.7
E	.6	3.9	3.2	3.2								11.0	8.6
ESE			.6									.6	8.0
SE		1.3	1.9	.6								3.9	8.0
SSE			1.3									1.3	8.3
S												.6	12.0
SSW				.6									
SW													
WSW													
W	.6	3.2										3.9	5.0
WNW	1.9	1.3										3.2	3.2
NW	1.9	1.9										3.9	3.3
NNW	1.9	.6										2.6	3.0
VARBL													
CALM												16.8	
	20.0	40.0	18.7	4.5								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

AUG
MONTH

ALL WEATHER
CLASS

09
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	5.2	2.6									9.0	5.6
NNE	1.3	1.9	1.3									4.3	5.0
NE	1.9	1.3	1.9									5.2	5.5
ENE	1.3	3.2	3.9	1.3								9.7	7.1
E	1.3	4.5	12.3	5.8								23.9	8.9
ESE	1.3	.6	3.2	1.3								6.9	7.1
SE		1.3	.6	.6								2.6	8.3
SSE		3.2	2.6	.6								6.3	7.2
S	.6	3.2	1.9									5.8	5.9
SSW		1.9	.6									2.6	5.8
SW			.6									.6	10.0
WSW													
W	1.3	1.3	.6			.6						3.9	7.3
WNW	.6	.6										1.3	4.0
NW	1.3	.6	.6									2.6	4.3
NNW	1.3	3.2	3.2									7.7	5.7
VARBL													
CALM												7.7	
	13.5	32.3	36.1	9.7		.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

12
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9											1.9	4.0
NNE	.6	.6										1.3	3.5
NE			.6									.6	10.0
ENE	1.3	1.3		.6								1.9	8.0
E	.6	.6	2.6	2.6	.6							7.7	10.5
ESE	1.9	1.9	5.2	8.4								15.3	10.7
SE			5.2	1.9								7.1	10.2
SSE	3.2	3.2	8.4	1.9								13.3	8.2
S	.6	2.6	19.4	1.3	.6							24.3	9.0
SSW	.6	.6	5.8	2.6								9.7	9.2
SW		.6	2.6	2.6								5.8	10.8
WSW			.6	.6								1.3	11.5
W		.6	1.3									1.9	6.7
WNW	.6	.6		.6								1.9	5.3
NW	.6	.6										1.3	4.0
NNW		1.3										1.3	6.0
VARBL													
CALM												2.6	
	4.5	16.8	51.6	23.2	1.3							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03855

STATION NAME
PENSACOLA, FLORIDA

YEARS
73-77

MONTH
AUG

CLASS
ALL WEATHER

HOURS (L.S.T.)
15

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.6									.6	8.0
NNE		.6	.6	.6								1.9	8.0
NE	.6			.6								1.3	7.5
ENE													
E		1.3	1.3	.6								3.2	8.0
ESE		.6	.6	5.2								6.5	12.0
SE		2.6	3.9	1.3								7.7	7.8
SSE		1.9	9.0	.6								11.6	8.2
S		2.6	15.5	6.5								24.5	9.3
SSW	.6	1.3	7.1	7.1	.6							16.8	10.3
SW		1.3	3.9	7.1	.6							12.9	11.5
WSW	.6	.6	3.9	1.3								6.5	9.1
W			1.3	.6								1.9	10.7
WNW	.6		.6	.6								1.9	8.7
NW		.6										.6	5.0
NNW		.6	.6									1.3	6.0
VARBL													
CALM												.6	
	2.6	14.2	49.0	32.3	1.3							100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.0	1.9									6.5	5.1
NNE	.6		.6									1.3	5.5
NE		1.3										1.3	4.5
ENE		.6	1.9	1.3								3.9	9.5
E	.6		1.9	.6								3.2	8.2
ESE	.6	2.0	1.3	1.3								5.8	7.7
SE	.6	2.0	3.9									7.1	6.9
SSE	1.3	2.0	1.3									5.2	5.5
S		7.1	1.3									8.4	5.7
SSW		4.5	3.9									8.4	7.0
SW		2.0	9.0	1.9								13.5	8.8
WSW	.6	3.6	3.9									10.3	6.3
W	1.9	3.2	3.2			.6						12.9	6.7
WNW	2.6											2.6	2.3
NW		1.3										1.3	5.0
NNW	.6	1.9	1.3									3.9	5.3
VARBL													
CALM												4.5	
	11.6	40.6	37.4	5.2		.6						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.0	.0	.0								7.1	4.8
NNE	2.0	.0	1.3									4.5	4.0
N E	.0	2.0	1.9									5.2	5.8
ENE	1.3	1.9	.0	1.9								5.8	7.2
E		1.9	1.9	2.0								6.5	9.8
ESE		2.0		.0								3.2	6.2
SE	1.9	2.0	1.3	.0								6.5	5.3
SSE	.0	.0	1.3									2.6	5.3
S	.0	3.2	4.5									8.4	6.6
SSW	1.9	1.3	1.3									4.5	4.4
SW		1.3	3.2	.0								5.2	8.9
WSW	.0	1.9	.0									3.2	5.2
W	2.0	1.9	.0									5.2	3.9
WNW	2.0	3.2										5.8	3.3
NW	1.3	1.9	.0									3.9	4.3
NNW	1.9	.0	.0									3.2	3.4
VARBL													
CALM												19.4	
	21.9	31.0	20.6	7.1								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
MOORE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	4.0	1.3	.1								7.9	4.6
NNE	2.2	1.9	1.0	.1								5.2	4.5
NE	1.0	3.4	1.2	.1								5.7	5.3
ENE	.6	2.2	1.5	1.0								5.3	7.2
E	1.1	2.3	3.5	2.3	.1							9.3	8.5
ESE	.3	1.0	1.7	2.3								5.4	9.4
SE	.6	1.9	2.2	.8								5.9	7.3
SSE	.3	1.7	3.2	.6								5.8	7.5
S	.2	2.6	5.7	1.4	.1							10.0	8.3
SSW	.4	1.4	2.6	1.3	.1							5.7	8.4
SW	.7	.7	4.2	1.7	.1							5.0	10.1
WSW	.3	1.5	1.2	.3								3.4	7.1
W	1.2	2.6	1.2	.1		.2						5.2	5.8
WNW	1.5	.9	.2	.2								2.7	4.0
NW	.8	1.4	.3									2.5	4.4
NNW	1.4	1.8	.6									4.0	4.5
VARBL													
CALM												11.0	
	14.6	31.2	30.5	12.2	.3	.2						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	5.3	4.0	.7								14.0	5.9
NNE	1.3	5.3	1.3	.7	.7							9.3	6.8
NE	3.3	4.0	.7	1.3								9.3	5.3
ENE	1.3	1.3	1.3	2.0								6.0	8.7
E	.7	1.3	3.3	4.0								9.3	9.2
ESE			1.3	1.3								2.7	10.5
SE	1.3	2.0	1.3	1.3								6.0	7.1
SSE		.7	.7	4.7								6.0	11.7
S		2.0	2.0		.7							4.7	8.1
SSW	.7	.7	1.3	2.0								4.7	8.9
SW			2.0	.7								2.7	10.8
WSW		.7	2.7									3.3	7.2
W		2.7	.7									3.3	5.4
WNW	1.3	.7										2.0	3.0
NW	1.3	.7										2.0	3.0
NNW		4.7	1.3									6.0	5.4
VARBL													
CALM												8.7	
	15.3	32.0	24.0	16.7	1.3							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

SEP

STATION NAME

YEARS

NORTH

ALL WEATHER

03

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.3	8.0	4.0	.7			.7					18.7	6.1
NNE	2.7	4.0	4.0	1.3								12.0	6.3
NE	2.7	3.3	.7									6.7	4.1
ENE			3.3	1.3								4.7	11.1
E	.7	2.7	4.7	8.0								16.0	10.0
ESE		.7	.7									1.3	3.5
SE	.7	.7	.7									2.0	6.0
SSE	.7	1.3	.7	3.3	.7							6.7	10.5
S		1.3	2.0		.7							4.0	9.3
SSW		1.3	2.0	.7								4.0	8.3
SW	.7											.7	3.0
WSW	.7		.7	.7								2.0	8.0
W	1.3	1.3	2.7									5.3	6.3
WNW		1.3										1.3	4.5
NW	1.3	2.0	.7									4.0	4.8
NNW	2.0	3.3	.7									6.0	4.0
VARBL													
CALM												4.7	
	18.7	31.3	27.3	16.0	1.3		.7					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	6.0	7.3	1.3								19.3	5.9
NNE	1.3	6.0	3.3	2.0								14.7	6.8
NE	2.7	3.3	2.7	.7								9.3	5.6
ENE	1.3	6.7	2.7	1.3	.7							12.7	7.5
E		2.7	5.3	4.7								12.7	9.8
ESE			2.0									2.0	9.0
SE			1.3	1.3								2.7	10.8
SSE		.7	1.3	.7	.7							3.3	11.6
S		1.3				.7						2.0	11.0
SSW		1.3	1.3	.7								3.3	9.6
SW													
WSW			1.3									1.3	8.5
W		.7										.7	6.0
WNW	.7	2.0										2.7	4.3
NW	3.3	.7										4.0	2.8
NNW	1.3	2.7	.7					.7				5.3	9.1
VARBL													
CALM												4.0	
	15.3	36.0	29.3	12.7	1.3	.7		.7				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

03855

PENSACOLA, FLORIDA

73-77

SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

09

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		2.0	2.7	3.3								8.0	9.0
NNE		2.7	4.0	2.0								8.7	8.2
NE		2.7	7.3	1.3	1.3							4.7	11.6
ENE				1.3	1.3							12.0	8.7
E	1.3	6.7	12.7	3.3								24.0	7.9
ESE		1.3	4.7	2.0								7.3	9.1
SE	1.3		1.3	2.7	1.3							4.7	12.0
SSE			1.3	2.0								2.7	13.5
S		1.3	4.0	1.3								4.7	8.3
SSW			1.3	1.3		1.3						3.3	13.2
SW				2.0								2.0	13.3
WSW	1.3											1.3	3.0
W			1.3	1.3								1.3	12.0
WNW		1.3	4.0	1.3								3.3	8.0
NW		1.3	1.3			1.3						2.7	11.0
NNW	1.3	3.3	2.0	1.3								6.7	6.9
VARBL													
CALM													
	3.3	20.7	46.0	22.7	2.7	1.3						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

12
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		2.0	2.0	5.3								9.3	10.5
NNE	.7			2.0								2.7	11.0
NE	.7		.7									1.3	4.5
ENE			2.0	1.3								3.3	10.0
E		2.7	4.0	4.7								11.3	9.3
ESE		2.0	4.0	5.3	.7							12.0	10.7
SE	.7		9.3	2.7								12.7	9.3
SSE		4.0	4.7	2.0	.7							11.3	8.9
S		3.3	6.7	1.3	.7	.7						12.0	8.8
SSW			2.7	.7								4.0	11.2
SW			3.3	2.0	1.3							6.7	12.1
WSW			.7	2.0								2.7	11.8
W	.7		2.7									3.3	7.6
WNW	.7	.7		.7								2.0	7.0
NW		.7	1.3									2.0	8.3
NNW	.7	.7	1.3									2.7	6.8
VARBL													
CALM												.7	
	4.0	16.0	45.3	30.0	3.3	.7						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

SEP

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	2.7	4.7	.7							9.3	11.0
NNE		.7		1.3								2.0	11.0
NE		.7	.7	.7		.7						2.7	12.3
ENE	.7		1.3	.7	.7							3.3	10.0
E	.7		1.3	1.3								3.3	9.2
ESE			2.7	2.7	.7	.7						6.7	12.9
SE	.7	4.0	6.0	2.7								11.3	8.1
SSE		2.7	5.3	2.0		.7						10.7	9.8
S		6.0	10.7	2.0								18.7	8.0
SSW	.7	.7	4.7	2.7								8.0	9.8
SW			6.0	4.7								11.3	10.3
WSW			2.0	2.7								4.7	12.1
W			1.3	.7	.7			.7				3.3	16.6
WNW			1.3									1.3	7.0
NW			1.3	2.0								3.3	11.2
NNW													
VARBL													
CALM												.0	
	2.7	16.0	45.3	30.7	2.7	2.0		.7				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03855

STATION NAME
PENSACOLA, FLORIDA

YEARS
73-77

SEP

MONTH

ALL WEATHER

CLASS

18

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIRE.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.3	4.7	2.0								10.0	7.9
NNE	1.3	2.0		1.3								4.7	7.4
NE		.7	.7	1.3								2.7	9.8
ENE	1.3	1.3	2.0	2.0								6.7	8.1
E		.7	.7	.7								2.0	8.3
ESE		1.3	2.0	1.3								4.7	9.0
SE		.7	2.7	2.0	.7							6.0	10.8
SSE	2.7	2.7	2.0	3.3	.7							11.3	7.5
S	2.0	4.7		1.3								8.0	5.8
SSW	.7	4.0	.7	.7								6.0	5.8
SW	.7	2.7	3.3	.7	.7							8.0	7.6
WSW		4.0	2.0	1.3								7.3	7.4
W	2.0	5.7	4.7									13.3	5.8
WNW		.7	.7	.7								2.0	7.3
NW		1.3										1.3	4.0
NNW	1.3	1.3		.7								3.3	5.8
VARIABLE													
CALM												2.7	
	12.0	38.0	26.0	19.3	2.0							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

SEP

STATION NAME

YEARS

MONTH

ALL WEATHER

21

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	6.7	4.0	2.7								15.3	7.1
NNE	3.3	1.3	.7				.7					6.0	6.4
NE		2.7	1.3	1.3								5.3	8.1
ENE	.7	.7	.7	3.3								5.3	10.8
E	.7	2.7	6.0	2.0								11.3	8.1
ESE	.7	.7		.7								2.0	6.3
SE		1.3	2.0	2.0	.7							6.0	10.3
SSE	1.3	.7	.7	2.0								4.7	8.4
S		4.0	1.3									5.3	6.0
SSW			4.0	.7		.7						5.3	11.0
SW			.7	.7								1.3	10.0
WSW		.7	.7	.7								2.0	8.0
W	2.7	3.3	1.3									7.3	4.7
WNW	.7	2.7	.7									4.0	4.5
NW	1.3	2.0	1.3									4.7	5.1
NNW	2.7	2.7	.7									6.0	4.1
VARBL													
CALM												8.0	
	16.0	32.0	26.0	16.0	.7	.7	.7					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
MONTH

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	4.3	3.9	2.6	.1		.1					13.0	7.4
NNE	1.3	3.0	1.7	1.3	.1		.1					7.5	7.2
NE	1.2	1.8	1.2	.7	.2	.1						5.2	6.9
ENE	.7	1.6	2.6	1.7	.2							6.7	8.9
E	.5	2.4	4.7	3.6								11.2	8.9
ESE	.1	.7	2.2	1.7	.2	.1						4.8	10.1
SE	.5	1.1	2.7	1.8	.2							6.4	9.3
SSE	.6	1.6	2.0	2.5	.3	.1						7.1	9.6
S	.2	2.9	3.3	.6	.2	.1						7.4	7.9
SSW	.2	1.0	2.2	1.2	.2	.2						4.8	9.5
SW	.2	.3	1.9	1.3	.2							4.1	10.1
WSW	.2	.7	1.2	.9								3.0	8.8
W	.8	1.8	1.7	.2	.1			.1				4.7	6.9
WNW	.4	1.1	.6	.2								2.3	5.7
NW	.9	1.1	.7	.2		.1						3.0	6.2
NNW	1.1	2.3	.6	.2				.1				4.5	5.9
VARBL													
CALM												4.0	
	10.9	27.7	33.7	20.7	1.9	.7	.2	.2				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03855

STATION NAME
PENSACOLA, FLORIDA

YEARS
73-77

MONTH
OCT

CLASS
ALL WEATHER

HOURS (L.S.T.)
00

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	10.3	10.3	3.9								28.4	7.0
NNE	3.2	7.7	3.2									14.2	5.3
NE	1.9	5.2	1.9									9.0	5.0
ENE		.6	4.3									5.2	7.8
E		1.3	1.9	2.6								5.8	9.6
ESE			1.3	1.3	.6							3.2	12.4
SE		.6	1.9	.6	1.3							4.3	11.0
SSE		.6	1.9	.6								3.2	8.4
S			1.9	1.9		.6						3.9	11.7
SSW				.6								1.3	20.0
SW		.6										.6	4.0
WSW				1.3								1.3	12.3
W	.6	.6										1.3	4.0
WNW	.6	.6	.6									1.9	5.7
NW		1.3		.6								1.9	7.3
NNW	.6	8.4		1.9								11.0	6.2
VARBL													
CALM												3.2	
	11.0	38.1	29.7	15.5	1.9	.6						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER
CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	14.0	6.3	3.2	1.3							29.0	7.1
NNE		7.7	3.9									11.6	6.1
NE		8.4	3.9	.6								12.9	6.6
ENE	.6	1.3	5.2	.6								7.7	7.6
E		1.9	3.2	3.9								9.0	9.4
ESE			.6	2.6								3.2	12.2
SE		.6	.6	1.9	.6							3.9	11.8
SSE		.0	.6	.6								1.9	9.3
S		1.3	1.3	2.6								5.2	9.6
SSW				.6								.6	11.0
SW													
WSW				1.3								1.3	13.0
W		.6	.6									1.3	5.5
WNW													
NW	.6		.6									1.3	5.0
NNW	1.3	5.2	1.9	1.3								9.7	6.5
VARBL													
CALM												1.3	
	5.8	42.6	29.0	19.4	1.9							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03855

STATION NAME
PENSACOLA, FLORIDA

YEARS
73-77

MOON
UCT

CLASS

ALL WEATHER

HOURS (L.S.T.)

06

MEAN WIND SPEED

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	13.5	7.7	4.3	.6							29.7	7.5
NNE		9.7	3.2	.6								13.5	6.0
NE		5.2	7.1	.6								12.9	7.3
ENE		3.2	4.3	3.2								11.0	8.5
E		1.9	3.9	5.8								11.6	9.9
ESE		.6	1.3	.6								7.6	9.8
SE				.6	.6							1.3	16.0
SSE	.6		.6	.6								1.9	8.0
S		1.3	1.3		.6	.6						3.9	11.0
SSW				1.3								1.3	15.5
SW													
WSW													
W		.6										.6	6.0
WNW	.6		.6	.6								1.9	9.7
NW		.6										.6	4.0
NNW	.6	3.2	2.6		.6							7.1	7.1
VARBL													
CALM												.0	
	5.2	40.0	32.9	18.7	2.6	.6						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

UCT

STATION NAME

YEARS

NORTH

09

ALL WEATHER

09

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	5.2	2.6	5.6	1.9							16.1	10.3
NNE	.6	3.2	1.9	1.9		.6						8.4	8.9
NE	1.3	3.9	1.3	1.3								7.7	6.6
ENE	.6	7.7	7.1	4.5								20.0	8.1
E			11.6	11.0								22.6	10.6
ESE		1.3	1.9	3.2								6.5	10.5
SE		.6		1.3	1.3							3.2	13.0
SSE			1.9									1.9	8.3
S					.6							.6	18.0
SSW				1.3		.6						1.9	18.3
SW			.6									.5	8.0
WSW													
W			.6	.6								1.3	11.5
WNW		.6		.6								1.3	8.0
NW		.6	.6		.6							1.9	10.7
NNW	.6	2.6	1.3	.6								5.2	6.1
VARBL													
CALM												.6	
	3.9	25.8	31.0	32.3	4.5	1.3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

12

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	3.2	3.2	1.3							11.0	11.4
NNE			1.9	.6								2.6	10.3
NE	.6		1.3	1.3								3.2	9.8
ENE		.6	1.9	1.9								4.3	9.4
E		1.9	6.4	3.2								15.3	9.7
ESE		1.3	6.3	7.7	.6							16.1	10.4
SE		1.9	5.6	5.8								13.3	10.2
SSE		3.2	3.2	1.3								7.7	7.8
S		1.9	3.9	.6								6.3	8.0
SSW	.6											.6	2.0
SW		.6		2.6								3.2	10.8
WSW				1.3		.6						1.9	16.7
W		.6		.6								1.3	9.0
WNW			.6									.6	10.0
NW		.6	4.3	.6								5.8	9.0
NNW		.6	1.3	2.6	.6							5.2	11.3
VARBL													
CALM												.6	
	1.3	14.6	42.6	37.4	2.6	.6						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

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YEARS

OCT
MONTH

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	3.9	7.1	2.6							14.2	12.5
NNE		1.3	1.3	1.3								3.9	8.3
NE			.6	1.3								1.9	11.7
ENE			2.6									2.6	10.0
E		1.3	3.2	1.9								6.5	9.4
ESE	.6	1.3	3.2	3.9								11.0	9.3
SE		3.9	2.6	3.2								9.7	8.4
SSE		1.9	4.5	2.6								9.0	8.9
S	1.3	3.2	9.0									15.5	6.9
SSW		1.3	2.6									3.9	6.8
SW			1.9	3.2								5.2	11.1
WSW		.6	.6	3.2								4.5	11.6
W				.6	.6							1.3	16.0
WNW			.6									.6	10.0
NW		.6	1.3	1.3								3.2	10.2
NNW		.6	3.9	1.3	.6							6.5	10.3
VAECL													
CALM												.6	
	1.9	18.7	43.9	31.0	3.9							100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	7.7	3.2								14.8	8.8
NNE		1.3	5.2	.6								7.1	8.2
NE		1.3	1.3	.6								3.2	8.2
ENE	1.3	1.9	.6	.6								4.5	5.7
E	1.9	.6	.6	1.3								4.5	6.4
ESE	.6	.6	3.2	.6								5.2	8.8
SE	.6	2.6	4.5	.6								8.4	7.5
SSE	1.3	1.9	1.3	1.3								4.5	7.6
S	.6	5.2	.6			.6						7.1	6.2
SSW	1.3	.6										1.9	3.7
SW	.6	1.9		1.3								3.9	6.5
WSW		1.9	1.9									3.9	6.5
W	3.2	4.5	5.2	1.3								14.2	6.4
WNW				.6								.6	11.0
NW		.6	1.3									1.9	7.7
NNW		4.5	1.3									5.8	6.5
VARBL													
CALM												8.4	
	12.3	31.0	35.5	12.3		.6						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

OCT

STATION NAME

YEARS

MONTH

ALL WEATHER

21

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	9.0	7.7	3.2	.6							22.6	7.5
NNE	1.3	2.6	3.9	.6								8.4	6.3
NE	1.3	1.9	.6									3.9	5.0
ENE		3.2	1.3	.6								5.2	7.5
E	1.3	1.9	2.6	3.2								9.0	8.9
ESE													
SE	.6	3.9	1.9	1.9	.6							9.0	8.2
SSE		.6	2.6	2.6								5.8	10.1
S	.6			.6								.6	2.0
SSW				.6								.6	13.0
SW		.6		.6								1.3	8.5
WSW	.6	.6										.6	6.0
W	.6	2.6	1.3									4.5	5.6
WNW	2.6	1.3	.6									4.5	4.1
NW	.6	2.6		.6								3.9	5.8
NNW	3.9	5.8	2.6	.6	.6							13.5	6.0
VARBL													
CALM												6.3	
	14.8	36.8	25.2	14.8	1.9							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

DCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

ALL

HOURS (L.S.T.)

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	7.3	6.2	4.5	1.0							20.7	8.4
NNE	.6	4.2	3.1	.7		.1						8.7	6.8
NE	.6	3.2	2.3	.7								6.9	6.8
ENE	.3	2.3	3.5	1.5								7.6	8.0
E	.4	1.4	4.4	4.4								10.6	9.6
ESE	.2	.6	2.5	2.5	.2							6.0	10.2
SE	.2	1.6	2.2	2.0	.6							6.7	9.6
SSE	.2	.7	2.2	1.2								4.5	8.6
S	.3	1.4	2.3	.6	.2	.2						5.4	8.2
SSW	.2	.2	.3	.6		.2						1.5	10.7
SW	.1	.3	.3	1.0								1.9	9.2
WSW		.4	.3	.9		.1						1.7	10.8
W	.6	1.2	1.0	.4	.1							3.2	7.0
WNW	.5	.3	.4	.2								1.5	6.8
NW	.2	.9	1.0	.4	.1							2.6	8.1
NNW	.9	3.9	1.9	1.0	.3							8.0	7.1
VARBL													
CALM												2.7	
	7.0	31.0	33.6	22.7	2.4	.5						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

NOV

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	7.3	2.7	4.0								16.7	6.9
NNE	1.3	4.7	3.3	2.0	.7							12.0	7.8
NE	.7	4.0	2.0									6.7	5.3
ENE	.7	3.3	2.0									6.0	5.7
E	.7	2.0	5.3	1.3								9.3	8.4
ESE	1.3	.7	2.7	1.3								6.0	7.6
SE	.7	2.0	3.3	1.3								7.3	8.2
SSE		.7	2.7									3.3	8.4
S		.7	2.0	2.7	.7							6.0	10.9
SSW			1.3	.7								2.0	9.7
SW			2.0									2.0	8.3
WSW		.7	1.3									2.0	7.7
W		.7	1.3									2.0	7.0
WNW	1.3	2.0										3.3	4.0
NW	1.3	3.3	1.3	.7	.7							7.3	7.5
NNW		1.3	1.3	2.0								4.7	9.3
VARBL													
CALM												3.3	
	10.7	33.3	34.7	16.0	2.0							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03855

PENSACOLA, FLORIDA

73-77

STATION NAME

YEARS

NOV

MONT

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.0	4.7	4.7	3.3	.7							19.3	6.9
NNE	2.0	7.3	.7	3.3								13.3	6.7
NE	.7	4.7	4.7	.7								10.7	6.7
ENE		1.3	2.7	1.3								5.3	8.6
E	1.3	2.7	4.0	2.0								10.0	7.7
ESE			3.3	2.7								6.0	10.7
SE	.7	.7	2.0									3.3	6.8
SSE		.7	1.3	.7								2.7	8.5
S			2.0	3.3								5.3	11.1
SSW	.7	.7	1.3									2.7	5.5
SW			1.3	1.3								2.7	11.5
WSW			1.3									1.3	8.0
W	.7	.7	.7									2.0	4.7
WNW		.7	2.0									2.7	7.0
NW	1.3	1.3	.7		.7							4.0	7.7
NNW	2.0	2.7	.7	2.0								7.3	6.7
VARBL													
CALM												1.3	
	15.3	28.0	33.3	20.7	1.3							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

06

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	4.0	6.0	2.7	.7							15.3	8.3
NNE		6.7	3.3	2.7								12.7	7.5
NE	.7	6.7	4.7	1.3								13.3	6.8
ENE	.7	4.0	2.7	2.7								10.0	7.9
E	.7	2.7	5.3	1.3								10.0	7.8
ESE			2.0	2.7								4.7	10.6
SE		1.3	2.0	.7								4.0	8.2
SSE			.7	.7								1.3	11.0
S			2.0	4.0								6.0	12.1
SSW		1.3	.7									2.0	6.0
SW			.7	.7								1.3	11.5
WSW			2.0	.7								2.7	9.5
W												1.3	5.5
WNW		1.3	.7	1.3		.7						6.0	8.6
NW	.7	3.3	1.3	2.0								7.3	7.8
NNW												2.0	
VARBL													
CALM													
	4.7	34.7	34.0	23.3	.7	.7						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

03855

PENSACOLA, FLORIDA

73-77

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STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

HOURS (L.S.T.)

09

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	4.0	3.3	.7							11.3	10.8
NNE	.7	.7	1.3	1.3								4.0	8.8
NE	1.3	4.0	4.0	3.3	.7							9.3	10.4
ENE		4.0	4.7	2.7								11.3	8.3
E	2.7	4.7	10.7	4.0								22.0	8.1
ESE	1.3	2.0	3.3	2.7								9.3	8.6
SE	.7	.7	1.3	1.3								4.0	9.0
SSE	.7	.7	.7									1.3	6.0
S		.7	4.0	4.7	.7							9.3	10.3
SSW												.7	19.0
SW													
WSW		.7	.7									1.3	6.3
W		.7	2.0	.7								3.3	8.4
WNW			.7									.7	7.0
NW	.7	1.3	1.3	.7								4.0	7.2
NNW		.7	2.0	4.0	.7							7.3	11.3
VARBL													
CALM												.7	
	8.0	17.3	40.7	30.7	2.7							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

NOV

STATION NAME

YEARS

MONTH

ALL WEATHER

12

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.7	1.3	5.3	1.3							8.7	12.4
NNE	.7		3.3	1.3								5.3	8.5
NE		.7	1.3	1.3								3.3	9.4
ENE			2.0	.7								2.7	9.8
E	.7	5.3	10.7	2.0								18.7	8.1
ESE		3.3	7.3	6.7								17.3	9.3
SE	.7	1.3	2.0	2.7								6.7	9.1
SSE		2.7	2.7									5.3	7.0
S		.7	2.0	5.3								8.0	11.3
SSW			.7	1.3								2.0	11.0
SW			1.3	2.0								3.3	12.5
WSW													
W				.7	.7							1.3	15.5
WNW			.7	1.3	.7							2.7	12.3
NW			.7		1.3	.7						2.7	17.0
NNW		3.3	3.3	3.3	.7							10.7	9.9
VARBL													
CALM												1.3	
	2.0	18.0	34.3	34.0	4.7	.7						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

15

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	4.7	4.7	.7	.7						12.0	11.3
NNE		2.0	1.3	3.3								6.7	9.5
NE			2.0									2.0	8.0
ENE		2.0		.7								2.7	8.0
E		.7	2.7	2.7								6.0	9.9
ESE		2.7	8.0	2.7								13.3	8.9
SE		.7	4.7	2.7								8.0	9.7
SSE		3.3	6.7									10.0	7.3
S	.7	3.3	2.7	2.7								9.3	8.1
SSW		1.3	4.7	.7								6.7	9.1
SW		2.0	1.3									3.3	7.0
WSW			2.7	.7	.7							4.0	11.8
W		2.0	1.3	.7								4.0	7.0
WNW				1.3								1.3	12.0
NW		.7		2.7	.7							4.0	12.8
NNW		.7	3.3	1.3	.7							6.0	10.7
VARBL												.7	
CALM													
	.7	22.7	46.0	26.7	2.7	.7						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

HOURS (L.S.T.)

18

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	6.7	3.3	4.7								15.3	8.3
NNE	.7	2.0	2.7	.7								6.0	6.9
NE		1.3	.7									2.0	6.0
ENE		2.7	.7	.7								4.0	6.7
E	1.3	1.3	2.0	.7								5.3	6.3
ESE		4.0	6.7	.7								11.3	7.7
SE	1.3	2.7	.7	1.3								6.0	7.0
SSE		2.7	2.7	1.3								6.7	8.2
S	.7	2.7	3.3	.7	.7							8.0	8.0
SSW	1.3	1.3	.7	1.3								4.7	7.3
SW		.7	2.0	.7								3.3	9.2
WSW	.7	1.3	1.3									3.3	5.6
W	1.3	1.3	3.3									6.0	6.3
WNW	.7	.7	.7									2.0	5.3
NW	.7	2.0		.7								3.3	6.8
NNW		2.7	.7	1.3								4.7	7.4
VARBL												8.0	
CALM													
	9.3	36.0	31.3	14.7	.7							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	6.7	6.7	1.3	1.3							19.3	7.2
NNE	1.3	3.3	.7	.7								6.0	5.4
NE	1.3	4.7		.7								6.7	5.5
ENE		3.3	4.0									7.3	6.7
E	1.3	2.7	2.0	.7								6.7	6.2
ESE	.7	1.3	2.7	1.3								6.0	6.1
SE		1.3	.7	2.7								4.7	10.3
SSE		.7	2.7	2.0								5.3	9.9
S		2.7	2.0	2.7								7.3	9.2
SSW	.7	.7	.7	1.3	.7							3.3	11.6
SW				1.3								2.0	9.7
WSW		.7	2.0									2.7	7.3
W			2.0									2.0	8.3
WNW	.7	.7	2.0									3.3	6.4
NW	.7	4.0		1.3								6.0	6.8
NNW	.7	3.3		1.3								5.3	6.9
VARBL													
CALM												6.0	
	10.7	36.0	28.0	17.3	2.0							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

NDV
MONTH

ALL WEATHER
CLASS

ALL
MONTH

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.1	4.2	3.9	.7	.1						14.7	8.6
NNE	.8	3.3	2.1	1.9	.1							8.2	7.5
NE	.6	2.7	2.4	.9	.1							6.7	7.2
ENE	.2	2.0	2.3	1.1								6.2	7.7
E	1.1	2.7	5.3	1.8								11.0	7.9
ESE	.4	1.7	4.5	2.6								9.2	8.9
SE	.5	1.3	2.1	1.6								5.5	8.6
SSE	.1	1.3	2.3	.6								4.5	8.1
S	.2	1.3	2.3	3.2	.2							7.4	10.0
SSW	.2	.7	1.2	.7	.2							3.0	8.9
SW	.1	.3	1.0	.7								2.1	9.8
WSW	.1	.4	1.2	.2	.1							2.0	8.5
W	.2	.7	1.6	.3	.1							2.9	7.7
WNW	.3	.7	.7	.3	.1							2.2	7.2
NW	.6	2.0	.6	.9	.4	.2						4.7	8.7
NNW	.4	2.2	1.6	2.2	.2							6.7	8.9
VABBL													
CALM												2.9	
	7.7	28.2	35.9	22.9	2.1	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	9.7	6.5	2.6	.6							21.3	7.2
NNE	.6	3.2	1.3	.6								5.8	6.6
NE		1.3	1.9	.6								3.9	7.7
ENE	.6	1.3	2.6	1.3								5.8	8.2
E		3.2	3.9	1.3								9.0	7.7
ESE		1.9	1.3	.6	.6							4.5	9.1
SE	.6	1.3	.6	.6		1.3						4.5	11.7
SSE	.6	.6	1.3	1.9								4.5	8.6
S	.6	.6	.6	2.6	.6		.6					5.2	14.3
SSW	.6	.6	1.3	.6	.6							3.9	9.7
SW	.6	.6	1.9	1.3								4.5	8.4
WSW													
W	1.3	1.3	1.3	1.3	.6	.6						5.2	12.4
WNW	1.3	.6	1.9	.6								4.5	6.6
NW			.6	1.3	.6							2.6	14.8
NNW	1.3	3.2	4.5	.6	1.3	1.3						12.9	9.8
VARBL													
CALM												1.9	
	8.4	31.0	31.6	18.1	5.2	3.2	.6					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	4.3	5.8	3.2	1.3	.6						16.1	9.5
NNE	.6	7.7	3.2	.6								12.3	6.2
NE		3.9	1.9									5.8	5.9
ENE		1.9	4.5	.6								7.1	8.1
E		3.9	3.9	3.2								11.0	8.6
ESE	.6	1.3			.6							2.6	8.3
SE	.6		.6	.6	.6							2.6	10.0
SSE		.6	.6	1.9	.6							3.9	12.7
S	.6	.6	2.6	1.9		.6						6.5	9.6
SSW	.6	.6	2.6									3.9	7.3
SW			1.3	.6	1.3							3.2	12.6
WSW		.6		.6	.6							1.3	8.0
W		1.9	.6	.6	.6							3.9	9.7
WNW		.6	1.3		.6							2.6	9.5
NW	.6	1.3	1.3	2.6	.6							6.5	9.9
NNW	1.9	2.6	2.6	2.6								9.7	8.2
VARBL													
CALM												1.3	
	6.5	32.3	32.9	19.4	6.5	1.3						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

155

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

06

CLASS

HOURE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	4.3	3.9	4.3								14.9	8.3
NNE		5.2	3.2	1.3								9.7	7.2
NE	.6	3.9	3.9	.6								9.1	7.0
ENE	.6	2.6	3.9	1.3								8.4	7.3
E	.6	1.3	6.5	3.2	.6							12.3	9.8
ESE		.6	.6	.6		.6						2.6	12.5
SE	.6	1.3	1.3	.6								3.9	6.8
SSE		.6		.6	.6							1.9	11.3
S			1.9	1.3	.6	.6						4.3	13.1
SSW		.6	2.6	.6								3.9	9.3
SW			1.9	.6	.6							3.2	11.0
WSW		.6	1.9		.6							3.2	9.8
W		.6	.6	1.3								2.6	9.3
WNW	.6	1.9	.6	1.3								4.3	7.1
NW	.6	.6	3.9	1.9			.6					7.8	10.6
NNW		2.6	1.9	1.3		.6						6.5	10.4
VARBL												.6	
CALM	5.8	27.3	39.0	21.4	3.2	1.9	.6					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

154

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

DEC

MONTH

ALL WEATHER
CLASS

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.2	5.2	4.5	1.9							16.8	10.0
NNE		.6	1.9	2.6								5.2	10.1
NE		1.9	4.5									6.5	7.5
ENE		1.9	7.1	1.3								10.3	8.4
E	.6	1.3	8.4	3.2	1.3							14.8	10.1
ESE	.6	.6	1.3	1.3								3.9	8.3
SE		.6	.6	2.6								3.2	12.2
SSE		1.3	.6		.6							2.6	9.8
S		1.3	.6	1.3	.6	.6						4.5	11.5
SSW			1.9	.6	.6							3.2	11.2
SW		.6	1.3	1.3								3.2	10.8
WSW			1.3	1.3	.6							3.2	11.8
W	.6	.6	.6			.6						1.9	12.3
WNW	.6		1.3		1.9							3.9	11.5
NW		.6	1.3	3.2	.6							5.8	11.8
NNW		1.3	1.9	3.2	1.9							8.4	12.4
VARBL													
CALM												2.6	
	3.9	15.3	40.0	26.5	10.3	1.3						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

0000

03855
STATION

PENSACOLA, FLORIDA

73-77

STATION NAME

ALL WEATHER
CLASS

YEARS

DEC

MONTH

12

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

0000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.2	4.2	3.9	1.9							14.8	9.3
NNE	.6	.6	1.3	3.2								5.8	10.1
NE		.6	.6	1.3								2.6	10.0
ENE			.6									.6	7.0
E	.6	.6	5.2	3.9	1.3							11.6	11.0
ESE		3.2	5.2	5.2	.6							14.2	9.6
SE		1.3	.6	2.6								4.3	9.9
SSE		.6	1.3	1.9								3.9	9.5
S		1.9	2.6	2.6								7.1	9.5
SSW		.6	1.3	1.9	.6							4.3	13.0
SW	.6		.6	1.9								3.2	10.6
WSW			1.9	1.3								3.2	10.4
W			.6	1.9	.6	.6						3.9	14.7
WNW	.6		.6	.6	1.9							3.9	14.0
NW		.6	1.3	2.6	.6							5.2	11.8
NNW			3.9	5.2	.6	.6						10.3	12.3
VARBL													
CALM												.6	
	3.9	13.3	32.3	40.0	8.4	1.3						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

155

0000

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	4.5	5.8	.6	1.3						14.2	12.3
NNE		.6	1.3									1.9	8.3
NE	.6	.6	1.3	.6								3.2	7.0
ENE		.6										.6	4.0
E		.6	5.2	3.2								9.0	9.4
ESE	.6	1.9	3.9	3.9	1.3							11.6	10.1
SE	1.3	1.3	1.3	1.3		.6						3.8	9.4
SSE		1.3		.6								1.9	7.3
S		3.9	2.6	5.2								11.6	9.0
SSW		1.3	1.9	1.9		1.3						6.3	12.3
SW		1.3	1.3	3.9								6.3	10.6
WSW	.6		1.9	1.9								4.3	10.7
W			1.9	1.3		.6						3.9	12.5
WRW			.6	1.9								2.6	12.0
NW		.6	1.3	.6	1.9							4.3	13.3
NNW		1.3	5.2	3.9	.6							11.0	10.7
VARBL													
CALM												.6	
	3.9	16.6	34.2	36.1	4.5	3.9						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

DEC
MONTH

18
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.9	3.9	3.2	.6							12.9	8.5
NNE		2.6	.6	1.9								3.2	7.9
NE		1.9	.6	.6								3.2	6.6
ENE	.6	1.9		1.3								3.9	6.7
E	.6	2.6	6.5	1.3								11.0	7.8
ESE		.6	3.2	1.3	.6							5.8	10.3
SE		1.3	1.9	1.3								4.5	9.9
SSE	.6		.6	1.9								3.2	10.4
S	1.3	2.6	.6	3.2								7.7	8.3
SSW		1.3	.6	1.9	.6							4.5	11.6
SW		2.6	.6		.6							3.9	7.7
WSW		.6	1.3									1.9	8.0
W	.6	1.3	5.8	1.3	.6							9.7	9.2
WNW		1.9	1.3									3.2	6.4
NW	.6	1.3	2.6	.6	.6							5.8	8.2
NNW		5.2	4.5	1.3	.6							11.6	8.4
VARBL													
CALM												1.9	
	5.8	31.6	34.8	21.3	4.5							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03855

STATION NAME
PENSACOLA, FLORIDA

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73-77

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DEC

CLASS
ALL WEATHER

HOURS (L.S.T.)
21

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	5.2	4.3	5.2	.6	.6						17.4	8.9
NNE	.6	.6	.6	.6								2.6	7.3
NE			1.9									1.9	7.3
ENE	.6	2.0	2.6	.6								6.5	6.9
E	.6	3.2	3.9	1.3								9.0	7.6
ESE			3.2	2.6								5.8	11.4
SE			.6	1.3	1.9							3.9	14.5
SSE	.6		.6	2.6	1.3							5.2	13.0
S	.6	1.3	1.3	1.9	.6							5.8	10.3
SSW	.6	1.3	.6	2.6								5.2	9.9
SW	.6	.6	.6	.6	.6							1.9	11.7
WSW	.6	.6	.6	.6								2.6	7.3
W	1.3	.6	1.3	.6	1.3							5.2	10.3
WNW	1.3	2.6	1.3	.6								5.8	5.6
NW	.6	2.6	1.3	1.3		.6						6.5	9.0
NNW	1.3	3.2	4.3	1.9		.6						11.6	8.1
VARBL													
CALM												3.2	
	10.3	24.3	24.7	23.9	6.5	1.9						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
03855

STATION NAME
PENSACOLA, FLORIDA

YEARS
73-77

MONTH
DEC

CLASS
ALL WEATHER

HOURS (L.S.T.)
ALL

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	4.4	4.8	4.1	1.0	.3						16.1	9.2
NNE	.3	2.7	1.7	1.4								6.1	7.7
NE	.2	1.4	2.1	.5								4.3	7.2
ENE	.3	1.0	2.7	.8								5.4	7.7
E	.4	2.2	5.4	2.6	.4							11.0	9.1
ESE	.2	1.3	2.3	1.9	.5	.1						6.4	10.0
SE	.4	.8	1.0	1.4	.3	.2						4.1	10.3
SSE	.2	.6	.6	1.3	.4							3.4	10.6
S	.3	1.3	1.6	2.3	.3	.2	.1					6.6	10.3
SSW	.2	.8	1.0	1.3	.3	.2						4.4	10.7
SW	.2	.7	1.2	1.2	.4							3.7	10.2
WSW	.2	.3	1.1	.7	.2							2.3	9.8
W	.2	.6	1.6	1.0	.3	.3						4.3	11.0
WNW	.6	1.0	1.1	.6	.6							3.9	8.7
NW	.3	1.0	1.7	1.8	.6	.1	.1					5.6	10.8
NNW	.6	2.3	3.6	2.3	.6	.4						10.3	9.9
VARBL													
CALM												1.6	
	6.1	24.1	34.3	23.8	6.1	1.9	.2					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

1239

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855

PENSACOLA, FLORIDA

73-77

ALL

STATION NAME

YEARS

NORTH

ALL WEATHER

ALL

CLASS

MOON (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	3.7	3.5	2.7	.6	.1	.0					12.2	8.3
NNE	.9	2.1	1.6	1.0	.1	.0	.0					5.7	7.2
NE	.5	1.9	1.4	.7	.0	.0						4.5	7.1
ENE	.3	1.4	1.8	.8	.0							4.3	7.8
E	.6	1.7	3.2	1.9	.1							7.4	8.6
ESE	.2	1.1	2.2	1.9	.2	.0						5.7	9.7
SE	.4	1.3	2.2	1.8	.2	.0	.0					6.0	9.4
SSE	.3	1.4	2.6	1.6	.1	.0						6.1	8.9
S	.4	2.1	4.5	2.3	.3	.1	.0					9.8	9.3
SSW	.3	.9	2.1	1.7	.2	.1	.0					5.3	9.8
SW	.1	.8	1.6	2.2	.4	.0		.0				5.3	10.7
WSW	.3	1.1	1.6	1.3	.3	.0						4.6	9.4
W	.7	1.9	1.6	.7	.1	.1		.0				5.2	7.6
WNW	.6	1.0	.7	.5	.2	.0						3.0	7.5
NW	.6	1.2	1.0	.7	.3	.1	.0					3.9	8.4
NNW	.8	2.2	1.6	1.1	.4	.1		.0				6.0	8.2
VARBL													
CALM													
	8.6	25.6	33.4	23.0	3.5	.7	.1	.0				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

14607

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

ALL
MONTH

INSTRUMENT

ALL
HOURS (L.S.T.)

CLASS

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	3.0	2.4	3.6	1.5	.1	.1					11.8	10.0
NNE	.4	1.6	1.4	1.6	.2	.1	.1					5.4	9.2
NE	.4	1.9	2.0	1.1	.1							5.4	7.9
ENE	.1	1.6	1.6	.9	.1							4.3	8.2
E	.6	1.9	4.3	2.5	.2							9.7	8.9
ESE	.2	1.5	3.1	2.6	.4							8.0	9.9
SE	.4	1.3	2.6	2.6	.3	.2						7.5	10.3
SSE	.3	1.7	2.6	2.7	.4	.2						7.8	10.3
S	.2	1.6	4.0	3.6	1.0	.3	.1					10.8	11.2
SSW	.1	.7	.7	1.3	.4	.4	.1					3.8	13.0
SW	.1	.3	1.5	2.0	.5	.1						4.4	11.8
WSW	.2	.4	1.5	1.2	.2							3.5	10.0
W	.2	.6	1.0	1.0	.2	.1		.1				3.4	10.1
WNW	.4	.2	.6	.3	.2							1.8	8.6
NW	.5	.7	.6	.6	.4	.2	.1					3.4	10.2
NNW	.3	1.5	.7	1.0	.6			.1				4.3	10.0
VARB													
CALM												4.7	
	5.9	20.0	30.5	29.1	6.9	1.6	.3	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

1781

NWSD, Federal Building
Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by the reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than $6/10$ total sky cover and those cases where total sky cover is $6/10$ or more, but not more than $1/2$ of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

VISIBILITY (STATUTE MILES)														
CEILING (FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING														
≥ 1800														
≥ 1500					91.0									92.6
≥ 1200														
≥ 1000														
≥ 900														
≥ 800														
≥ 700														
≥ 600														
≥ 500										97.4				98.1
≥ 400														
≥ 300														
≥ 200														
≥ 100														
≥ 0					95.4		96.9			98.3				100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

CEILING VERSUS VISIBILITY

03855

PENSACOLA, FLORIDA

73-77

JAN

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	9.7	38.7	39.4	40.7	41.3	41.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.9
≥ 20000	10.3	41.9	42.6	43.9	44.5	45.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	47.1
18000	10.3	41.9	42.6	43.9	44.5	45.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	47.1
16000	10.3	42.6	43.2	44.5	45.2	45.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.7
14000	10.3	42.6	43.2	44.5	45.2	45.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.7
12000	10.3	43.2	43.9	45.2	46.5	47.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	49.0
10000	10.3	45.2	46.5	47.7	49.0	49.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.6
9000	10.3	46.5	47.7	49.0	50.3	51.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.9
8000	10.3	48.4	49.7	51.0	52.3	52.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.8
7000	10.3	49.0	50.3	51.6	52.9	53.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.5
6000	10.3	49.7	51.0	52.3	53.6	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	56.1
5000	10.3	50.3	51.6	52.9	54.2	54.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.8
4500	11.0	52.9	54.2	55.5	56.8	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.4
4000	11.0	54.2	55.5	56.8	58.1	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.7
3500	12.3	56.1	57.4	59.4	60.7	61.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.2
3000	12.3	58.1	59.4	61.3	62.6	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	65.2
2500	12.3	58.1	59.4	61.3	62.6	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	65.8
2000	12.3	58.1	60.0	61.9	63.9	64.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.7
1800	12.3	58.7	60.7	62.6	64.5	65.2	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.4
1500	12.9	62.6	65.2	67.7	69.7	70.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.6
1200	12.9	63.9	67.1	69.7	71.6	72.3	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.5
1000	12.9	64.5	67.7	71.0	72.9	73.6	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.8
900	12.9	65.2	68.4	71.6	73.6	74.2	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.4
800	12.9	65.8	69.7	72.9	74.8	76.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.4
700	12.9	65.8	69.7	73.6	76.1	77.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.7
600	12.9	67.1	71.0	74.8	77.4	78.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.9
500	12.9	67.7	71.6	75.5	79.4	80.7	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.5
400	12.9	69.0	72.9	76.8	81.3	82.6	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.5
300	12.9	69.7	75.5	79.4	84.5	85.8	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	90.3
200	12.9	69.7	76.1	80.0	85.2	87.1	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	91.6
100	12.9	69.7	76.1	80.0	85.2	87.1	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.6
0	12.9	69.7	76.1	80.0	85.2	87.1	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.6

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.3	38.1	38.1	38.7	39.4	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.9
≥ 20000	12.9	40.0	40.0	40.7	41.3	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	44.5
18000	12.9	40.0	40.0	40.7	41.3	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	44.5
16000	12.9	40.0	40.0	40.7	41.3	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	44.5
14000	12.9	40.7	40.7	41.3	41.9	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	45.2
12000	12.9	40.7	40.7	41.3	41.9	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	45.2
10000	12.9	43.9	43.9	44.5	45.2	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	48.4
≥ 9000	13.6	45.8	45.8	46.5	47.1	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	50.3
8000	13.6	48.4	49.0	49.7	51.0	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	54.2
7000	13.6	48.4	49.7	50.3	51.6	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	54.8
6000	14.2	50.3	51.6	52.3	53.6	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	56.8
5000	14.2	51.0	52.3	52.9	54.2	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	57.4
4500	14.2	52.3	53.6	54.2	55.5	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	58.7
4000	14.2	52.9	54.2	54.8	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	59.4
3500	14.2	53.6	54.8	55.5	56.8	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	60.0
3000	16.1	55.5	56.8	57.4	58.7	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	61.9
2500	16.1	56.8	58.1	58.7	60.0	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	63.2
2000	16.8	60.0	61.3	61.9	63.2	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	66.5
1800	16.8	60.0	61.3	61.9	63.2	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	66.5
1500	16.8	63.2	64.5	65.2	67.1	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	70.3
1200	16.8	63.9	65.2	66.5	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	72.3
1000	16.8	65.2	66.5	67.7	71.0	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	74.2
900	17.4	65.8	67.7	69.0	72.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	75.5
800	17.4	65.8	67.7	69.0	72.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	75.5
700	18.1	66.5	69.0	70.3	73.6	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.8
600	18.1	66.5	69.0	71.0	74.8	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	78.1
500	18.1	67.1	70.3	73.6	77.4	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	80.7
400	18.1	67.7	71.0	74.8	79.4	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	83.9
300	18.1	68.4	71.6	75.5	80.0	81.9	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	86.5
200	18.1	68.4	71.6	75.5	80.0	82.6	83.2	84.5	86.5	86.5	86.5	86.5	87.1	87.1	89.7
100	18.1	68.4	71.6	75.5	80.0	82.6	83.9	85.2	88.4	89.0	89.0	89.0	91.0	91.0	93.6
0	18.1	68.4	71.6	75.5	80.0	82.6	83.9	85.2	88.4	89.0	89.0	89.0	91.0	91.0	94.8

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JAN
MONTH

06
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	11.0	35.5	36.8	36.8	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.7
≥ 20000	11.6	37.4	38.7	38.7	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.7
18000	11.6	37.4	38.7	38.7	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.7
≥ 16000	11.6	37.4	38.7	38.7	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.7
14000	11.6	38.1	39.4	39.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.3
≥ 12000	11.6	38.1	39.4	39.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.3
10000	12.3	41.3	42.6	42.6	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.5
≥ 9000	12.3	41.3	42.6	42.6	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.5
8000	14.2	45.2	46.5	46.5	47.1	47.7	47.7	47.7	47.7	47.7	48.4	48.4	48.4	49.0
≥ 7000	14.2	45.2	46.5	46.5	47.1	47.7	47.7	47.7	47.7	47.7	48.4	48.4	48.4	49.0
6000	14.2	45.2	46.5	46.5	47.1	47.7	47.7	47.7	47.7	47.7	48.4	48.4	48.4	49.0
≥ 5000	14.8	45.8	47.1	47.1	47.7	48.4	48.4	48.4	48.4	48.4	49.0	49.0	49.0	49.7
4500	15.5	46.5	47.7	47.7	48.4	49.0	49.0	49.0	49.0	49.0	49.7	49.7	49.7	50.3
≥ 4000	15.5	47.7	49.0	49.0	49.7	50.3	50.3	50.3	50.3	50.3	51.0	51.0	51.0	51.6
3500	15.5	49.0	50.3	50.3	51.0	51.6	51.6	51.6	51.6	51.6	52.3	52.3	52.3	52.9
≥ 3000	15.5	49.7	51.0	51.0	51.6	52.3	52.3	52.3	52.3	52.3	52.9	52.9	52.9	53.6
2500	16.1	54.2	55.5	55.5	56.1	56.8	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.7
≥ 2000	16.1	56.8	58.1	58.1	59.4	60.7	61.3	61.3	61.3	61.3	61.9	61.9	61.9	62.6
1800	16.1	56.8	58.1	58.1	59.4	60.7	61.3	61.3	61.3	61.3	61.9	61.9	61.9	62.6
≥ 1500	16.8	63.2	65.2	65.2	66.5	67.7	68.4	68.4	68.4	68.4	69.7	69.7	69.7	70.3
1200	16.8	63.9	65.6	65.6	67.1	68.4	69.0	69.0	69.0	69.0	70.3	70.3	70.3	71.0
≥ 1000	17.4	65.2	67.1	67.1	68.4	69.7	70.3	70.3	70.3	70.3	71.6	71.6	71.6	72.9
900	17.4	65.8	67.7	67.7	69.0	70.3	71.0	71.0	71.0	71.0	72.3	72.3	72.3	73.6
≥ 800	17.4	66.5	68.4	68.4	69.7	71.0	71.6	71.6	71.6	71.6	72.9	72.9	72.9	74.2
700	18.1	67.1	69.0	69.0	70.3	71.6	72.3	72.3	72.3	72.3	73.6	73.6	73.6	74.8
≥ 600	18.1	67.1	69.0	69.0	71.0	72.3	72.9	72.9	72.9	72.9	74.2	74.2	74.2	75.5
500	18.1	69.0	71.0	71.0	73.6	74.8	75.5	75.5	75.5	75.5	76.8	76.8	76.8	78.1
≥ 400	18.1	71.0	73.6	73.6	76.1	77.4	78.1	78.1	78.1	78.1	79.4	79.4	79.4	80.7
300	18.1	71.0	73.6	73.6	76.1	77.4	78.1	78.1	78.1	78.1	79.4	79.4	79.4	80.7
≥ 200	18.1	72.3	74.8	74.8	78.1	80.0	80.7	81.9	81.9	81.9	83.9	83.9	83.9	85.2
100	18.1	72.3	74.8	74.8	78.1	80.0	80.7	81.9	81.9	81.9	83.9	83.9	83.9	85.2
0	18.1	72.3	74.8	74.8	78.1	80.0	80.7	81.9	81.9	81.9	83.9	83.9	83.9	85.2

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION
03855

STATION NAME
PENSACOLA, FLORIDA

YEARS
73-77

MONTH
JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)
09

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	10.3	29.0	29.0	29.7	31.0	31.0	31.0	31.0	31.0	31.6	31.6	31.6	31.6
≥ 20000	11.0	36.1	36.8	37.4	38.7	38.7	39.4	39.4	39.4	40.0	40.0	40.0	40.0
18000	11.0	36.1	36.8	37.4	38.7	38.7	39.4	39.4	39.4	40.0	40.0	40.0	40.0
16000	11.0	36.1	36.8	37.4	38.7	38.7	39.4	39.4	39.4	40.0	40.0	40.0	40.0
14000	11.0	36.1	36.8	37.4	38.7	38.7	39.4	39.4	39.4	40.0	40.0	40.0	40.0
12000	11.0	36.1	36.8	37.4	38.7	38.7	39.4	40.0	40.0	40.7	40.7	40.7	40.7
10000	11.6	39.4	40.0	41.3	43.2	43.2	43.9	43.9	43.9	44.5	44.5	44.5	44.5
9000	11.6	39.4	40.0	41.3	43.2	43.2	43.9	43.9	43.9	44.5	44.5	44.5	44.5
8000	12.3	41.3	42.6	44.5	46.5	46.5	47.1	47.1	47.1	47.7	47.7	47.7	47.7
7000	12.3	41.3	43.2	45.2	47.1	47.1	47.7	47.7	47.7	48.4	48.4	48.4	48.4
6000	12.3	41.3	43.2	45.2	47.1	47.1	47.7	47.7	47.7	48.4	48.4	48.4	48.4
5000	12.9	42.6	45.2	47.1	49.0	49.0	49.7	49.7	49.7	50.3	50.3	50.3	50.3
4500	13.6	43.9	46.5	48.0	51.0	51.0	51.6	51.6	51.6	52.3	52.3	52.3	52.3
4000	13.6	44.5	47.1	49.7	52.3	52.3	53.6	53.6	53.6	54.2	54.2	54.2	54.2
3500	13.6	44.5	47.1	49.7	52.3	52.3	53.6	53.6	53.6	54.2	54.2	54.2	54.2
3000	13.6	44.5	47.1	50.3	52.9	52.9	54.2	54.2	54.2	55.5	55.5	55.5	55.5
2500	13.6	46.5	49.0	52.3	54.8	54.8	56.8	57.4	57.4	58.1	58.1	58.1	58.1
2000	13.6	47.7	52.3	55.5	58.1	58.1	60.0	60.7	60.7	61.3	61.3	61.3	61.3
1800	13.6	48.4	52.9	56.1	58.7	58.7	60.7	61.3	61.3	61.9	61.9	61.9	61.9
1500	14.2	51.6	56.8	61.3	63.9	63.9	65.8	67.1	67.1	68.4	68.4	68.4	68.4
1200	14.2	53.6	59.4	65.2	67.7	67.7	70.3	71.6	71.6	72.9	72.9	72.9	72.9
1000	14.8	54.2	60.0	65.8	68.4	68.4	71.0	72.3	72.3	73.6	73.6	73.6	73.6
900	14.8	54.8	60.7	66.5	69.0	69.0	72.3	73.6	73.6	74.8	74.8	74.8	74.8
800	14.8	55.5	61.3	67.1	69.7	69.7	72.9	74.2	74.2	75.5	75.5	75.5	75.5
700	14.8	55.5	61.9	68.4	71.0	71.0	74.2	75.5	75.5	76.8	76.8	76.8	76.8
600	14.8	55.5	61.9	68.4	72.3	72.3	75.5	76.8	76.8	78.1	78.1	78.1	78.1
500	14.8	56.1	63.2	69.7	73.6	73.6	76.8	78.1	78.1	80.0	80.0	80.0	80.0
400	14.8	56.1	63.9	71.0	75.5	75.5	78.7	80.7	80.7	81.9	81.9	81.9	81.9
300	14.8	56.1	63.9	71.0	78.1	78.1	81.9	83.9	83.9	86.5	86.5	87.1	87.1
200	14.8	56.1	63.9	71.0	78.1	78.1	83.9	85.8	85.8	89.0	89.0	90.3	90.3
100	14.8	56.1	63.9	71.0	78.1	78.1	83.9	85.8	86.5	89.7	90.3	94.8	94.8
0	14.8	56.1	63.9	71.0	78.1	78.1	83.9	85.8	86.5	89.7	90.3	94.8	94.8

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JAN
MONTH

12
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	12.9	40.0	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000	16.1	48.4	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 18000	16.1	49.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 16000	16.1	49.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 14000	15.1	49.7	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000	16.1	51.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 10000	16.1	53.6	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 9000	16.1	53.6	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 8000	16.1	55.5	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 7000	16.1	56.1	58.1	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 6000	16.8	56.8	58.7	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 5000	16.8	56.8	58.7	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4500	16.8	57.4	60.0	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4000	16.8	58.1	60.7	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 3500	16.8	58.7	61.9	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 3000	16.8	58.7	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 2500	17.4	60.7	64.5	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 2000	17.4	63.2	67.1	68.4	69.0	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1800	17.4	63.2	67.1	68.4	69.0	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1500	18.1	67.1	71.6	72.9	74.2	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1200	18.1	69.0	73.6	76.1	77.4	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1000	18.1	70.3	74.8	78.1	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 900	18.1	71.0	75.5	78.7	80.7	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 800	18.1	71.6	76.1	79.4	81.9	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 700	18.1	71.6	76.1	80.0	82.6	83.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 600	18.1	71.6	76.8	81.3	83.9	85.8	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 500	18.1	72.3	78.1	83.2	87.1	89.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 400	18.1	72.3	78.1	83.2	88.4	90.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 300	18.1	72.3	78.1	83.2	89.0	91.0	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5
≥ 200	18.1	72.3	78.1	83.2	89.0	91.6	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100	18.1	72.3	78.1	83.2	89.0	91.6	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 0	18.1	72.3	78.1	83.2	89.0	91.6	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855

PENSACOLA, FLORIDA

73-77

JAN

STATION NAME

YEARS

MOUTH

15

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	11.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000	15.5	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.7
≥ 18000	15.5	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.7
≥ 16000	15.5	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.3
≥ 14000	16.1	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	51.0
≥ 12000	16.1	51.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.9
≥ 10000	16.8	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	56.1
≥ 9000	16.8	54.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.8
≥ 8000	17.4	58.1	59.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	61.3
≥ 7000	17.4	58.1	59.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.9
≥ 6000	17.4	59.4	60.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.2
≥ 5000	17.4	61.3	62.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	65.8
≥ 4500	17.4	61.9	63.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	67.1
≥ 4000	17.4	63.2	64.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	68.4
≥ 3500	17.4	63.2	64.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	68.4
≥ 3000	18.1	63.9	65.2	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	69.7
≥ 2500	18.7	65.8	67.1	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	72.3
≥ 2000	18.7	68.4	69.7	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	76.1
≥ 1800	18.7	68.4	69.7	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	76.1
≥ 1500	18.7	69.7	71.0	74.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	79.4
≥ 1200	18.7	71.0	72.9	78.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	83.2
≥ 1000	18.7	73.6	74.8	80.0	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	85.8
≥ 900	18.7	73.6	75.5	81.3	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	87.7
≥ 800	18.7	73.6	75.5	81.3	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	88.4
≥ 700	18.7	73.6	76.1	81.9	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	89.7
≥ 600	18.7	73.6	76.1	81.9	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	89.7
≥ 500	18.7	74.2	76.8	82.6	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	90.3
≥ 400	18.7	74.8	77.4	83.9	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	93.6
≥ 300	18.7	74.8	78.1	84.5	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	95.5
≥ 200	18.7	74.8	78.1	84.5	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	98.1
≥ 100	18.7	74.8	78.1	84.5	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	99.4
≥ 0	18.7	74.8	78.1	84.5	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

03855
STATIONPENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JAN
MONTH18
HOURS (L S T)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	10.3	36.1	36.8	37.4	37.4	38.1	38.7	38.7	38.7	39.4	39.4	39.4	39.4
≥ 20000	11.6	41.9	42.6	43.2	43.2	43.9	43.9	44.5	44.5	45.2	45.2	45.2	45.8
≥ 18000	11.6	41.9	42.6	43.2	43.2	43.9	43.9	44.5	44.5	45.2	45.2	45.2	45.8
≥ 16000	11.6	41.9	42.6	43.2	43.2	43.9	43.9	44.5	44.5	45.2	45.2	45.2	45.8
≥ 14000	11.6	42.6	43.2	43.9	43.9	44.5	44.5	45.2	45.2	45.8	45.8	45.8	46.5
≥ 12000	11.6	43.9	44.5	45.8	45.8	46.5	46.5	47.1	47.1	47.7	47.7	47.7	48.4
≥ 10000	11.6	45.8	46.5	47.7	47.7	48.4	48.4	49.0	49.0	49.7	49.7	49.7	50.3
≥ 9000	11.6	45.8	46.5	47.7	47.7	48.4	48.4	49.0	49.0	49.7	49.7	49.7	50.3
≥ 8000	11.6	47.1	47.7	49.0	49.0	49.7	49.7	50.3	51.0	51.6	51.6	51.6	52.3
≥ 7000	11.6	48.4	49.0	50.3	50.3	51.0	51.0	51.6	52.3	52.9	52.9	52.9	53.6
≥ 6000	11.6	49.0	50.3	51.6	51.6	52.3	52.3	52.9	53.6	54.2	54.2	54.2	54.8
≥ 5000	11.6	51.0	52.3	53.6	53.6	54.2	54.2	54.8	55.5	56.1	56.1	56.1	56.8
≥ 4500	11.6	54.2	56.1	58.7	58.7	59.4	59.4	60.7	60.7	61.3	61.3	61.3	61.9
≥ 4000	11.6	56.1	58.7	61.9	61.9	62.6	62.6	63.9	63.9	64.5	64.5	64.5	65.2
≥ 3500	12.3	58.1	60.7	63.9	63.9	64.5	64.5	65.8	65.8	66.5	66.5	66.5	67.1
≥ 3000	12.3	59.4	62.6	65.8	65.8	67.1	67.1	68.4	68.4	69.0	69.0	69.0	69.7
≥ 2500	12.9	60.7	63.9	67.1	67.1	68.4	68.4	69.7	69.7	70.3	70.3	70.3	71.0
≥ 2000	13.6	63.2	67.1	71.0	71.0	72.3	72.3	73.6	73.6	74.2	74.2	74.2	74.8
≥ 1800	14.2	65.2	69.0	72.9	72.9	74.2	74.2	75.5	75.5	76.1	76.1	76.1	76.8
≥ 1500	14.2	66.5	71.0	74.8	74.8	76.1	76.1	77.4	77.4	78.7	78.7	79.4	80.0
≥ 1200	14.2	69.0	73.6	77.4	77.4	79.4	79.4	81.9	81.9	82.6	82.6	82.6	83.2
≥ 1000	14.2	70.3	74.8	78.7	78.7	81.3	81.3	84.5	84.5	85.2	85.2	85.2	85.8
≥ 900	14.2	70.3	74.8	78.7	78.7	81.3	81.3	84.5	84.5	85.2	85.2	85.2	85.8
≥ 800	14.2	71.0	76.1	80.0	82.6	83.9	83.9	86.5	86.5	87.1	87.1	87.1	87.7
≥ 700	14.2	71.6	76.8	80.7	83.9	85.8	85.8	88.4	88.4	89.0	89.0	89.0	89.7
≥ 600	14.2	72.9	78.1	81.9	85.2	87.1	87.1	89.0	89.0	91.6	91.6	91.6	92.3
≥ 500	14.2	72.9	78.1	81.9	85.2	87.1	87.1	89.0	89.0	91.6	91.6	91.6	92.3
≥ 400	14.2	72.9	78.1	81.9	85.8	87.7	87.7	90.3	92.9	93.6	93.6	93.6	94.2
≥ 300	14.2	72.9	78.1	81.9	86.5	88.4	88.4	91.6	94.2	95.5	95.5	95.5	96.1
≥ 200	14.2	72.9	78.1	81.9	87.1	89.0	89.0	92.3	94.8	96.1	96.1	96.1	96.8
≥ 100	14.2	72.9	78.1	81.9	87.1	89.0	89.0	92.3	94.8	96.1	96.8	96.8	98.1
≥ 0	14.2	72.9	78.1	81.9	87.1	89.0	89.0	92.3	94.8	96.1	96.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855

PENSACOLA, FLORIDA

73-77

STATION NAME

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ ⅕	≥ ⅓	≥ 0
NO CEILING	11.6	45.2	45.8	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	12.3	47.7	48.4	49.0	49.7	49.7	49.7	49.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3
≥ 18000	12.3	47.7	48.4	49.0	49.7	49.7	49.7	49.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3
≥ 16000	12.3	47.7	48.4	49.0	49.7	49.7	49.7	49.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3
≥ 14000	12.3	49.7	50.3	51.0	51.6	51.6	51.6	51.6	51.6	51.6	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000	12.3	49.7	50.3	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.9	52.9	52.9	52.9	52.9	52.9
≥ 10000	12.3	52.3	52.9	54.2	54.8	54.8	54.8	54.8	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5
≥ 9000	12.3	52.9	53.6	54.8	55.5	55.5	55.5	55.5	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1
≥ 8000	12.3	54.8	55.5	56.8	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000	12.3	55.5	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7
≥ 6000	12.3	56.8	57.4	58.7	59.4	59.4	59.4	59.4	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0
≥ 5000	12.3	58.7	59.4	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4500	12.3	60.0	60.7	61.9	62.6	62.6	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4000	12.3	60.0	60.7	61.9	62.6	62.6	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2
≥ 3500	12.3	60.7	61.3	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9
≥ 3000	12.9	63.9	64.5	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7
≥ 2500	12.9	63.9	64.5	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7
≥ 2000	12.9	64.5	65.8	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1800	12.9	64.5	66.5	67.7	69.0	69.0	69.0	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1500	12.9	65.8	67.7	69.0	72.3	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1200	12.9	67.7	69.7	71.0	74.8	74.8	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1000	12.9	69.0	71.0	72.3	76.8	76.8	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4
≥ 900	12.9	69.0	71.0	72.3	76.8	76.8	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4
≥ 800	12.9	69.0	71.0	72.3	76.8	76.8	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4
≥ 700	12.9	69.7	71.6	73.6	78.1	78.1	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7
≥ 600	13.6	71.6	73.6	75.5	80.7	81.3	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9
≥ 500	13.6	71.6	73.6	75.5	80.7	81.3	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9
≥ 400	13.6	72.9	75.5	77.4	83.2	83.9	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2
≥ 300	13.6	73.6	76.8	78.7	85.2	86.5	87.1	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7
≥ 200	13.6	73.6	76.8	78.7	85.8	88.4	89.0	89.0	89.0	89.0	89.6	89.6	89.6	89.6	89.6	89.6
≥ 100	13.6	73.6	76.8	78.7	85.8	88.4	89.0	89.0	89.0	89.0	89.6	89.6	89.6	89.6	89.6	89.6
0	13.6	73.6	76.8	78.7	85.8	88.4	89.0	89.0	89.0	89.0	89.6	89.6	89.6	89.6	89.6	89.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATIONPENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	11.2	37.6	38.2	38.8	39.3	39.7	39.9	40.0	40.0	40.1	40.2	40.2
≥ 20000	12.7	42.7	43.6	44.1	44.6	45.0	45.3	45.4	45.4	45.5	45.7	45.7
≥ 18000	12.7	42.8	43.6	44.2	44.7	45.1	45.4	45.5	45.5	45.6	45.7	45.7
≥ 16000	12.7	43.0	43.8	44.4	44.8	45.2	45.6	45.7	45.7	45.7	45.9	45.9
≥ 14000	12.7	43.6	44.4	45.0	45.5	45.9	46.2	46.3	46.3	46.4	46.5	46.5
≥ 12000	12.7	44.3	45.2	45.9	46.5	46.9	47.3	47.3	47.3	47.4	47.6	47.6
≥ 10000	13.0	46.9	47.9	48.7	49.4	49.8	50.1	50.2	50.2	50.2	50.4	50.4
≥ 9000	13.1	47.5	48.5	49.3	49.9	50.3	50.7	50.7	50.7	50.8	51.0	51.0
≥ 8000	13.5	49.8	51.0	52.0	52.8	53.2	53.6	53.7	53.7	53.8	54.0	54.0
≥ 7000	13.5	50.2	51.5	52.7	53.5	53.9	54.3	54.4	54.4	54.4	54.7	54.7
≥ 6000	13.6	51.1	52.4	53.6	54.4	54.8	55.2	55.2	55.2	55.3	55.6	55.6
≥ 5000	13.8	52.2	53.6	54.8	55.7	56.1	56.5	56.6	56.6	56.7	56.9	56.9
≥ 4500	14.0	53.6	55.2	56.7	57.6	58.0	58.5	58.6	58.6	58.6	58.9	58.9
≥ 4000	14.0	54.6	56.3	57.8	58.8	59.2	59.8	59.8	59.8	59.9	60.2	60.2
≥ 3500	14.3	55.5	57.3	58.9	59.9	60.3	60.9	61.0	61.0	61.1	61.3	61.3
≥ 3000	14.7	56.7	58.6	60.4	61.5	61.9	62.5	62.7	62.7	62.7	63.0	63.0
≥ 2500	15.0	58.3	60.2	62.2	63.2	63.7	64.4	64.6	64.6	64.7	64.9	64.9
≥ 2000	15.2	60.2	62.7	64.9	66.2	66.8	67.6	67.8	67.8	67.9	68.2	68.2
≥ 1800	15.2	60.7	63.2	65.3	66.6	67.2	68.0	68.2	68.2	68.3	68.6	68.6
≥ 1500	15.6	63.7	66.6	69.0	71.1	71.7	72.5	72.8	72.8	73.0	73.3	73.3
≥ 1200	15.6	65.3	68.4	71.4	73.7	74.4	75.2	75.6	75.6	75.7	76.1	76.1
≥ 1000	15.7	66.5	69.6	72.7	75.4	76.1	77.0	77.3	77.3	77.5	77.8	77.8
≥ 900	15.8	66.9	70.2	73.4	76.1	76.9	78.1	78.5	78.5	78.6	79.0	79.0
≥ 800	15.8	67.3	70.7	74.0	76.8	77.7	79.0	79.4	79.4	79.5	79.8	79.8
≥ 700	16.0	67.7	71.3	74.8	77.8	78.9	80.3	80.7	80.7	80.9	81.2	81.2
≥ 600	16.1	68.2	71.9	75.7	79.0	80.2	81.6	82.2	82.2	82.3	82.7	82.7
≥ 500	16.1	68.9	72.8	76.9	80.6	81.7	83.4	84.1	84.1	84.3	84.6	84.6
≥ 400	16.1	69.6	73.8	78.2	82.4	83.7	85.4	86.3	86.3	86.5	86.8	86.8
≥ 300	16.1	69.9	74.5	79.0	84.1	85.6	87.5	88.8	88.8	89.3	89.9	89.9
≥ 200	16.1	70.0	74.7	79.2	84.5	86.5	88.9	90.4	90.4	91.5	92.2	92.2
≥ 100	16.1	70.0	74.7	79.2	84.5	86.5	89.1	90.7	90.8	92.6	93.4	93.4
0	16.1	70.0	74.7	79.2	84.5	86.5	89.1	90.7	90.8	92.6	93.4	93.4

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	14.2	53.9	54.6	56.0	56.7	56.7	58.9	58.9	58.9	58.9	59.6	59.6	61.0
≥ 20000	14.2	56.0	56.7	58.2	58.9	58.9	61.0	61.0	61.0	61.0	61.7	61.7	63.1
≥ 18000	14.2	56.0	56.7	58.2	58.9	58.9	61.0	61.0	61.0	61.0	61.7	61.7	63.1
≥ 16000	14.2	56.0	56.7	58.2	58.9	58.9	61.0	61.0	61.0	61.0	61.7	61.7	63.1
≥ 14000	14.2	56.0	56.7	58.2	58.9	58.9	61.0	61.0	61.0	61.0	61.7	61.7	63.1
≥ 12000	14.2	58.2	58.9	60.3	61.0	61.0	63.1	63.1	63.1	63.1	63.8	63.8	65.3
≥ 10000	14.2	59.6	60.3	61.7	62.4	62.4	64.5	64.5	64.5	64.5	65.3	65.3	66.7
≥ 9000	14.2	59.6	60.3	61.7	62.4	62.4	64.5	64.5	64.5	64.5	65.3	65.3	66.7
≥ 8000	14.2	61.0	61.7	63.1	63.8	63.8	66.0	66.0	66.0	66.0	66.7	66.7	68.1
≥ 7000	14.2	62.4	63.1	64.5	65.3	65.3	67.4	67.4	67.4	67.4	68.1	68.1	69.5
≥ 6000	14.2	63.8	64.5	66.0	66.7	66.7	68.8	68.8	68.8	68.8	69.5	69.5	70.9
≥ 5000	14.2	64.5	65.3	66.7	67.4	67.4	69.5	69.5	69.5	69.5	70.2	70.2	71.6
≥ 4500	14.9	65.3	66.0	67.4	68.1	68.1	70.2	70.2	70.2	70.2	70.9	70.9	72.3
≥ 4000	14.9	68.1	68.8	70.9	71.6	71.6	73.8	73.8	73.8	73.8	74.5	74.5	75.9
≥ 3500	14.9	68.1	68.8	70.9	71.6	71.6	73.8	73.8	73.8	73.8	74.5	74.5	75.9
≥ 3000	14.9	70.2	70.9	73.1	73.8	73.8	75.9	75.9	75.9	75.9	76.6	76.6	78.0
≥ 2500	14.9	71.6	72.3	74.5	75.2	75.2	77.3	77.3	77.3	77.3	78.0	78.0	79.4
≥ 2000	15.6	73.1	73.8	75.9	76.6	76.6	78.7	78.7	78.7	78.7	79.4	79.4	80.9
≥ 1800	15.6	73.1	73.8	75.9	76.6	76.6	78.7	78.7	78.7	78.7	79.4	79.4	80.9
≥ 1500	15.6	74.5	75.2	77.3	78.0	78.0	80.1	80.1	80.1	80.1	80.9	80.9	82.3
≥ 1200	15.6	75.9	76.6	78.7	79.4	79.4	81.6	81.6	81.6	81.6	82.3	82.3	83.7
≥ 1000	15.6	76.6	77.3	79.4	80.1	80.1	82.3	82.3	82.3	82.3	83.7	83.7	85.1
≥ 900	15.6	76.6	77.3	79.4	80.1	80.1	82.3	82.3	82.3	82.3	83.7	83.7	85.1
≥ 800	15.6	76.6	77.3	79.4	80.1	80.1	82.3	82.3	82.3	82.3	83.7	83.7	85.1
≥ 700	15.6	76.6	77.3	79.4	80.1	80.1	82.3	82.3	82.3	82.3	83.7	83.7	85.1
≥ 600	15.6	76.6	77.3	79.4	80.1	80.1	82.3	82.3	82.3	82.3	83.7	83.7	85.1
≥ 500	15.6	76.6	77.3	79.4	80.1	80.1	82.3	82.3	82.3	82.3	83.7	83.7	85.1
≥ 400	15.6	76.6	77.3	79.4	80.1	80.1	82.3	82.3	82.3	82.3	83.7	83.7	85.1
≥ 300	15.6	76.6	77.3	79.4	80.1	80.1	82.3	82.3	82.3	82.3	83.7	83.7	85.1
≥ 200	15.6	76.6	77.3	79.4	80.1	80.1	82.3	82.3	82.3	82.3	83.7	83.7	85.1
≥ 100	15.6	76.6	77.3	79.4	80.1	80.1	82.3	82.3	82.3	82.3	83.7	83.7	85.1
≥ 0	15.6	76.6	77.3	79.4	80.1	80.1	82.3	82.3	82.3	82.3	83.7	83.7	85.1

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATIONPENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)03
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	11.4	51.8	52.5	52.5	53.2	53.9	53.9	55.3	55.3	56.0	56.0	57.5	58.2
≥ 20000	11.4	53.2	53.9	53.9	54.6	55.3	55.3	56.7	56.7	57.5	57.5	58.9	59.6
18000	11.4	53.2	53.9	53.9	54.6	55.3	55.3	56.7	56.7	57.5	57.5	58.9	59.6
16000	11.4	53.2	53.9	53.9	54.6	55.3	55.3	56.7	56.7	57.5	57.5	58.9	59.6
14000	11.4	53.9	54.6	54.6	55.3	56.0	56.0	57.5	57.5	58.2	58.2	59.6	60.3
12000	11.4	53.9	54.6	54.6	55.3	56.0	56.0	57.5	57.5	58.2	58.2	59.6	60.3
10000	11.4	54.6	55.3	56.0	56.7	57.5	57.5	58.9	58.9	59.6	59.6	61.0	61.7
9000	11.4	54.6	55.3	56.0	56.7	57.5	57.5	58.9	58.9	59.6	59.6	61.0	61.7
8000	11.4	56.0	56.7	57.5	58.2	58.9	58.9	60.3	60.3	61.0	61.0	62.4	63.1
7000	11.4	56.0	56.7	57.5	58.2	58.9	58.9	60.3	60.3	61.0	61.0	62.4	63.1
6000	12.1	59.6	60.3	61.7	62.4	63.1	63.1	64.5	64.5	65.3	65.3	66.7	67.4
5000	12.1	61.0	61.7	63.1	63.8	64.5	64.5	66.0	66.0	66.7	66.7	68.1	68.8
4500	12.1	61.7	62.4	63.8	64.5	65.3	65.3	66.7	66.7	67.4	67.4	68.8	69.5
4000	12.1	64.5	65.3	66.7	67.4	68.1	68.1	69.5	69.5	70.2	70.2	71.6	72.3
3500	12.1	64.5	65.3	66.7	67.4	68.1	68.1	69.5	69.5	70.2	70.2	71.6	72.3
3000	12.1	67.4	68.1	69.5	70.2	70.9	70.9	72.3	72.3	73.1	73.1	74.5	75.2
2500	12.1	67.4	68.1	69.5	70.2	70.9	70.9	72.3	72.3	73.1	73.1	74.5	75.2
2000	12.8	68.8	69.5	70.9	71.6	72.3	72.3	73.8	73.8	74.5	74.5	75.9	76.6
1800	12.8	69.5	70.2	71.6	72.3	73.1	73.1	74.5	74.5	75.2	75.2	76.6	77.3
1500	12.8	73.1	74.5	76.6	77.3	78.0	78.0	79.4	79.4	80.1	80.1	81.6	82.3
1200	12.8	73.1	74.5	76.6	77.3	78.0	78.0	79.4	79.4	80.1	80.1	81.6	82.3
1000	12.8	73.1	74.5	76.6	77.3	78.0	78.0	79.4	79.4	80.1	80.1	81.6	82.3
900	12.8	73.8	75.2	76.6	77.3	78.0	78.0	79.4	79.4	80.1	80.1	81.6	82.3
800	12.8	73.8	75.2	76.6	77.3	78.0	78.0	79.4	79.4	80.1	80.1	81.6	82.3
700	12.8	74.5	75.9	76.6	77.3	78.0	78.0	79.4	79.4	80.1	80.1	81.6	82.3
600	12.8	75.9	76.6	77.3	78.0	78.0	78.0	79.4	79.4	80.1	80.1	81.6	82.3
500	12.8	77.3	78.0	78.0	78.0	78.0	78.0	79.4	79.4	80.1	80.1	81.6	82.3
400	12.8	77.3	78.0	78.0	78.0	78.0	78.0	79.4	79.4	80.1	80.1	81.6	82.3
300	12.8	77.3	78.0	78.0	78.0	78.0	78.0	79.4	79.4	80.1	80.1	81.6	82.3
200	12.8	77.3	78.0	78.0	78.0	78.0	78.0	79.4	79.4	80.1	80.1	81.6	82.3
100	12.8	77.3	78.0	78.0	78.0	78.0	78.0	79.4	79.4	80.1	80.1	81.6	82.3
0	12.8	77.3	78.0	78.0	78.0	78.0	78.0	79.4	79.4	80.1	80.1	81.6	82.3

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PENSACOLA, FLORIDA

73-77

FEB

YEARS

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOON

06

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	7.8	40.4	40.4	42.6	44.0	44.0	44.7	45.4	45.4	46.8	47.5	48.9
≥ 20000	8.5	43.3	44.0	46.1	47.5	47.5	48.9	49.7	49.7	51.1	51.8	53.2
≥ 18000	8.5	43.3	44.0	46.1	47.5	47.5	48.9	49.7	49.7	51.1	51.8	53.2
≥ 16000	8.5	43.3	44.0	46.1	47.5	47.5	48.9	49.7	49.7	51.1	51.8	53.2
≥ 14000	8.5	44.0	44.7	46.8	48.2	48.2	49.7	50.4	50.4	51.8	52.5	53.9
≥ 12000	8.5	45.4	46.1	48.9	50.4	50.4	51.8	52.5	52.5	53.9	54.6	56.0
≥ 10000	8.5	46.8	48.2	51.1	53.2	53.2	54.6	55.3	56.0	57.5	58.2	59.6
≥ 9000	8.5	46.8	48.2	51.1	53.2	53.2	54.6	55.3	56.0	57.5	58.2	59.6
≥ 8000	8.5	50.4	51.8	54.6	56.7	56.7	58.2	58.9	59.6	61.0	61.7	63.1
≥ 7000	8.5	52.5	53.9	56.7	58.9	58.9	61.0	61.7	62.4	63.8	64.5	66.0
≥ 6000	8.5	53.9	55.3	58.2	60.3	60.3	62.4	63.1	63.8	65.3	66.0	67.4
≥ 5000	8.5	55.3	56.7	59.6	61.7	61.7	63.8	64.5	65.3	66.7	67.4	68.8
≥ 4500	8.5	56.0	57.5	60.3	62.4	62.4	64.5	65.3	66.0	67.4	68.1	69.5
≥ 4000	8.5	56.7	58.2	61.0	63.1	63.1	65.3	66.0	66.7	68.1	68.8	70.2
≥ 3500	8.5	57.5	58.9	61.7	63.8	63.8	66.0	66.7	67.4	68.8	69.5	70.9
≥ 3000	8.5	58.9	61.0	63.8	66.0	66.0	68.1	68.8	69.5	70.9	71.6	73.1
≥ 2500	8.5	59.6	62.4	65.3	67.4	67.4	69.5	70.2	70.9	72.3	73.1	74.5
≥ 2000	8.5	60.3	63.1	66.0	68.8	68.8	70.9	71.6	72.3	73.8	74.5	75.9
≥ 1800	8.5	61.7	64.5	67.4	70.2	70.2	72.3	73.1	73.8	75.2	75.9	77.3
≥ 1500	8.5	63.1	66.0	68.8	71.6	71.6	74.5	75.2	75.9	77.3	78.0	80.1
≥ 1200	8.5	63.1	66.0	68.8	71.6	71.6	74.5	75.2	75.9	77.3	78.0	80.1
≥ 1000	8.5	63.1	66.0	68.8	71.6	71.6	74.5	75.2	75.9	77.3	78.0	80.1
≥ 900	8.5	63.8	66.7	70.2	73.1	73.1	75.9	76.6	77.3	78.7	79.4	81.6
≥ 800	8.5	63.8	66.7	70.2	73.1	73.1	75.9	76.6	77.3	78.7	79.4	81.6
≥ 700	8.5	64.5	67.4	70.9	73.8	73.8	76.6	77.3	78.0	79.4	80.1	82.3
≥ 600	8.5	64.5	67.4	70.9	73.8	73.8	76.6	77.3	78.0	79.4	80.1	82.3
≥ 500	8.5	67.4	70.2	73.8	76.6	76.6	79.4	80.1	80.8	82.3	83.0	84.4
≥ 400	8.5	67.4	70.9	74.5	78.0	78.0	81.6	82.3	83.0	84.4	85.8	87.9
≥ 300	8.5	67.4	71.6	75.2	78.7	78.7	82.3	83.0	83.7	85.8	86.5	88.7
≥ 200	8.5	67.4	71.6	75.9	79.4	79.4	83.7	84.4	85.8	87.9	88.7	91.5
≥ 100	8.5	67.4	71.6	75.9	79.4	79.4	83.7	84.4	85.8	87.9	88.7	92.9
0	8.5	67.4	71.6	75.9	79.4	79.4	83.7	84.4	85.8	87.9	88.7	95.7
	8.5	67.4	71.6	75.9	79.4	79.4	83.7	84.4	85.8	87.9	88.7	96.5

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

FEB
MONTH

09
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	9.2	45.4	46.8	49.7	49.7	49.7	50.4	50.4	50.4	50.4	50.4	50.4	50.4	51.1
≥ 20000	9.2	51.8	54.6	58.2	58.9	59.6	60.3	60.3	60.3	60.3	60.3	60.3	60.3	61.0
18000	9.2	52.5	55.3	58.9	59.6	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.7
16000	9.2	52.5	55.3	58.9	59.6	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.7
14000	9.2	53.2	56.0	59.6	60.3	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.4
12000	9.2	53.9	56.7	60.3	61.0	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	63.1
10000	9.2	56.0	59.6	63.1	63.8	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	66.0
≥ 9000	9.2	56.0	59.6	63.1	63.8	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	66.0
8000	9.2	56.7	60.3	63.8	64.5	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.7
7000	9.2	56.7	60.3	63.8	64.5	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.7
6000	9.2	56.7	60.3	63.8	64.5	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.7
5000	9.2	58.9	62.4	66.7	68.1	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	70.2
4500	9.2	60.3	63.8	68.1	69.5	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.6
4000	9.2	61.0	65.3	69.5	70.9	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	73.1
3500	9.2	61.7	66.0	70.2	71.6	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.8
3000	9.2	63.1	67.4	72.3	73.8	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.9
2500	9.2	63.8	68.1	73.1	75.2	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.3
2000	9.2	66.7	71.6	76.6	78.7	79.4	80.1	80.1	80.9	80.9	80.9	80.9	80.9	81.6
1800	9.2	66.7	71.6	76.6	78.7	79.4	80.1	80.1	80.9	80.9	80.9	80.9	80.9	81.6
1500	9.2	68.1	73.1	78.7	80.9	81.6	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.7
1200	9.2	68.1	73.1	78.7	80.9	81.6	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.7
1000	9.2	68.1	73.1	78.7	80.9	81.6	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.7
900	9.2	68.8	74.5	81.6	84.4	85.1	86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.9
800	9.2	68.8	74.5	81.6	84.4	85.1	86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.9
700	9.2	68.8	74.5	81.6	84.4	85.1	86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.9
600	9.2	69.5	75.2	82.3	85.1	85.8	87.2	87.2	87.9	87.9	87.9	87.9	87.9	88.7
500	9.2	70.2	76.6	83.7	87.2	87.9	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.8
400	9.2	70.2	76.6	83.7	87.9	89.4	90.8	90.8	91.5	91.5	91.5	91.5	91.5	92.2
300	9.2	70.2	76.6	83.7	87.9	89.4	90.8	90.8	91.5	91.5	91.5	91.5	91.5	92.9
200	9.2	70.2	76.6	83.7	89.4	90.8	92.9	92.9	93.6	93.6	93.6	93.6	93.6	95.0
100	9.2	70.2	76.6	83.7	89.4	90.8	92.9	92.9	93.6	93.6	93.6	93.6	93.6	95.7
0	9.2	70.2	76.6	83.7	89.4	90.8	92.9	92.9	93.6	93.6	93.6	93.6	93.6	97.2

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 0
NO CEILING	12.1	50.4	51.8	53.2	53.9	53.9	53.9	53.9	53.9	54.6	54.6	54.6
≥ 20000	12.1	57.5	58.9	61.0	61.7	61.7	61.7	61.7	61.7	62.4	62.4	62.4
≥ 18000	12.1	57.5	58.9	61.0	61.7	61.7	61.7	61.7	61.7	62.4	62.4	62.4
≥ 16000	12.1	57.5	58.9	61.0	61.7	61.7	61.7	61.7	61.7	62.4	62.4	62.4
≥ 14000	12.1	58.2	59.6	61.7	62.4	62.4	62.4	62.4	62.4	63.1	63.1	63.1
≥ 12000	12.1	59.6	61.0	63.1	63.8	63.8	63.8	63.8	63.8	64.5	64.5	64.5
≥ 10000	12.1	61.0	62.4	64.5	65.3	65.3	65.3	65.3	65.3	66.0	66.0	66.0
≥ 9000	12.1	61.0	62.4	64.5	65.3	65.3	65.3	65.3	65.3	66.0	66.0	66.0
≥ 8000	12.8	62.4	63.8	66.0	66.7	66.7	66.7	66.7	66.7	67.4	67.4	67.4
≥ 7000	12.8	62.4	63.8	66.0	66.7	66.7	66.7	66.7	66.7	67.4	67.4	67.4
≥ 6000	12.8	62.4	63.8	66.0	66.7	66.7	66.7	66.7	66.7	67.4	67.4	67.4
≥ 5000	12.8	64.5	66.0	68.1	69.5	69.5	69.5	69.5	69.5	70.2	70.2	70.2
≥ 4500	12.8	66.0	67.4	69.5	70.9	70.9	70.9	70.9	70.9	71.6	71.6	71.6
≥ 4000	12.8	67.4	68.8	70.9	72.3	72.3	72.3	72.3	72.3	73.1	73.1	73.1
≥ 3500	12.8	68.1	69.5	71.6	73.1	73.1	73.1	73.1	73.1	73.8	73.8	73.8
≥ 3000	13.5	70.2	71.6	73.8	75.9	75.9	75.9	75.9	75.9	76.6	76.6	76.6
≥ 2500	13.5	72.3	73.8	75.9	78.0	78.0	78.0	78.0	78.0	78.7	78.7	78.7
≥ 2000	13.5	76.6	78.0	80.9	83.0	83.0	83.0	83.0	83.0	83.7	83.7	83.7
≥ 1800	13.5	77.3	78.7	81.6	83.7	83.7	83.7	83.7	83.7	84.4	84.4	84.4
≥ 1500	13.5	78.7	80.1	83.0	85.1	85.1	85.1	85.1	85.1	85.8	85.8	85.8
≥ 1200	13.5	78.7	80.9	83.7	85.8	85.8	85.8	85.8	85.8	86.5	86.5	86.5
≥ 1000	13.5	80.1	82.3	86.5	88.7	88.7	88.7	88.7	88.7	89.4	89.4	89.4
≥ 900	13.5	81.6	83.7	88.7	91.5	91.5	91.5	91.5	91.5	92.2	92.2	92.2
≥ 800	13.5	81.6	83.7	88.7	91.5	91.5	91.5	91.5	91.5	92.2	92.2	92.2
≥ 700	13.5	81.6	83.7	88.7	91.5	91.5	91.5	91.5	91.5	92.2	92.2	92.2
≥ 600	13.5	82.3	84.4	89.4	92.2	92.2	92.2	92.2	92.2	92.9	92.9	92.9
≥ 500	13.5	82.3	85.1	90.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 400	13.5	82.3	85.8	91.5	95.0	95.0	95.0	95.0	95.0	95.7	95.7	95.7
≥ 300	13.5	82.3	85.8	92.2	96.5	96.5	96.5	96.5	96.5	97.2	97.2	97.2
≥ 200	13.5	82.3	85.8	92.2	96.5	96.5	96.5	96.5	96.5	97.2	97.2	97.2
≥ 100	13.5	82.3	85.8	92.2	96.5	96.5	96.5	96.5	96.5	97.2	97.2	97.2
≥ 0	13.5	82.3	85.8	92.2	96.5	96.5	96.5	96.5	96.5	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03055
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	12.8	52.5	52.5	54.5	55.3	55.3	55.3	55.3	55.3	56.0	56.0
≥ 20000	14.2	61.0	61.0	63.1	63.8	63.8	63.8	63.8	63.8	64.5	64.5
AI 18000	14.2	61.7	61.7	63.8	64.5	64.5	64.5	64.5	64.5	65.3	65.3
AI 16000	14.2	61.7	61.7	63.8	64.5	64.5	64.5	64.5	64.5	65.3	65.3
AI 14000	14.2	62.4	62.4	64.5	65.3	65.3	65.3	65.3	65.3	66.0	66.0
AI 12000	14.2	63.1	63.8	66.0	66.7	66.7	66.7	66.7	66.7	67.4	67.4
AI 10000	14.2	65.3	66.0	68.1	68.8	68.8	68.8	68.8	68.8	69.5	69.5
AI 9000	14.2	65.3	66.0	68.1	68.8	68.8	68.8	68.8	68.8	69.5	69.5
AI 8000	14.9	66.7	67.4	70.2	70.9	70.9	70.9	70.9	70.9	71.6	71.6
AI 7000	14.9	67.4	68.1	70.9	71.6	71.6	71.6	71.6	71.6	72.3	72.3
AI 6000	14.9	67.4	68.1	70.9	71.6	71.6	71.6	71.6	71.6	72.3	72.3
AI 5000	15.6	69.5	70.2	73.8	74.5	74.5	74.5	74.5	74.5	75.2	75.2
AI 4500	15.6	70.2	70.9	74.5	75.2	75.2	75.2	75.2	75.2	75.9	75.9
AI 4000	15.6	70.9	73.1	76.6	78.0	78.0	78.0	78.0	78.0	78.7	78.7
AI 3500	16.3	72.3	74.5	78.0	80.1	80.1	80.1	80.1	80.1	80.9	80.9
AI 3000	16.3	74.5	76.6	80.1	82.3	82.3	82.3	82.3	82.3	83.0	83.0
AI 2500	16.3	78.0	80.1	85.7	85.8	85.8	85.8	85.8	85.8	86.5	86.5
AI 2000	16.3	79.4	82.3	85.8	88.7	88.7	88.7	88.7	88.7	89.4	89.4
AI 1800	16.3	79.4	82.3	85.8	88.7	88.7	88.7	88.7	88.7	89.4	89.4
AI 1500	16.3	80.1	83.0	86.5	89.4	89.4	89.4	89.4	89.4	90.1	90.1
AI 1200	16.3	80.9	83.7	87.2	90.1	90.1	90.1	90.1	90.1	90.8	90.8
AI 1000	16.3	80.9	84.4	87.9	90.8	90.8	91.5	91.5	91.5	92.2	92.2
AI 900	16.3	80.9	84.4	87.9	90.8	90.8	91.5	91.5	91.5	92.2	92.2
AI 800	16.3	80.9	84.4	87.9	90.8	90.8	91.5	91.5	91.5	92.2	92.2
AI 700	16.3	80.9	84.4	87.9	90.8	90.8	91.5	91.5	91.5	92.2	92.2
AI 600	16.3	80.9	85.1	88.7	92.2	92.2	92.2	92.2	92.2	92.9	92.9
AI 500	16.3	81.6	85.8	89.4	92.9	92.9	93.6	93.6	93.6	94.3	94.3
AI 400	16.3	83.0	87.2	91.5	95.7	95.7	96.5	96.5	96.5	97.2	97.2
AI 300	16.3	83.0	87.2	91.5	95.7	95.7	96.5	96.5	96.5	97.2	97.2
AI 200	16.3	83.0	87.2	91.5	95.7	95.7	96.5	96.5	96.5	97.2	97.2
AI 100	16.3	83.0	87.2	91.5	95.7	95.7	96.5	96.5	96.5	97.2	97.2
AI 0	16.3	83.0	87.2	91.5	95.7	95.7	96.5	96.5	96.5	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	14.2	53.9	54.6	55.3	55.3	56.7	57.5	57.5	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	15.6	60.3	61.0	62.4	62.4	63.8	64.5	64.5	64.5	65.3	65.3	65.3	65.3	65.3
≥ 18000	15.6	60.3	61.0	62.4	62.4	63.8	64.5	64.5	64.5	65.3	65.3	65.3	65.3	65.3
≥ 16000	15.6	60.3	61.0	62.4	62.4	63.8	64.5	64.5	64.5	65.3	65.3	65.3	65.3	65.3
≥ 14000	15.6	61.0	61.7	63.1	63.1	64.5	65.3	65.3	65.3	66.0	66.0	66.0	66.0	66.0
≥ 12000	15.6	61.7	62.4	64.5	64.5	66.0	66.7	66.7	66.7	67.4	67.4	67.4	67.4	67.4
≥ 10000	15.6	63.8	64.5	66.7	66.7	68.1	68.8	68.8	68.8	69.5	69.5	69.5	69.5	69.5
≥ 9000	15.6	63.8	64.5	66.7	66.7	68.1	68.8	68.8	68.8	69.5	69.5	69.5	69.5	69.5
≥ 8000	15.6	66.0	66.7	68.8	68.8	70.2	70.9	70.9	70.9	71.6	71.6	71.6	71.6	71.6
≥ 7000	15.6	66.0	66.7	69.5	69.5	70.9	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3
≥ 6000	15.6	67.4	68.1	70.2	70.2	71.6	72.3	72.3	72.3	73.1	73.1	73.1	73.1	73.1
≥ 5000	15.6	67.4	68.1	71.6	71.6	73.1	73.8	73.8	73.8	74.5	74.5	74.5	74.5	74.5
≥ 4500	15.6	67.4	68.1	72.3	72.3	73.8	75.2	75.2	75.2	76.6	76.6	76.6	76.6	76.6
≥ 4000	15.6	68.1	68.8	73.1	73.1	75.2	76.6	76.6	76.6	78.0	78.0	78.0	78.0	78.0
≥ 3500	15.6	68.1	68.8	73.1	73.1	75.2	76.6	76.6	76.6	78.0	78.0	78.0	78.0	78.0
≥ 3000	15.6	68.1	68.8	73.1	73.1	75.2	76.6	76.6	76.6	78.0	78.0	78.0	78.0	78.0
≥ 2500	15.6	69.5	70.2	74.5	74.5	77.3	80.1	81.6	81.6	82.3	82.3	82.3	82.3	82.3
≥ 2000	15.6	72.3	73.1	77.3	77.3	80.1	83.0	84.4	84.4	85.1	85.1	85.1	85.1	85.1
≥ 1800	15.6	72.3	73.1	77.3	77.3	80.1	83.0	84.4	84.4	85.1	85.1	85.1	85.1	85.1
≥ 1500	15.6	72.3	74.5	78.7	81.6	85.1	86.5	87.2	87.2	87.9	87.9	87.9	87.9	87.9
≥ 1200	15.6	73.1	75.9	80.1	83.0	86.5	87.9	88.7	88.7	89.4	89.4	89.4	89.4	89.4
≥ 1000	15.6	73.1	77.3	81.6	84.4	87.9	89.4	90.1	90.1	90.8	90.8	90.8	90.8	90.8
≥ 900	15.6	73.1	77.3	81.6	84.4	87.9	89.4	90.1	90.1	90.8	90.8	90.8	90.8	90.8
≥ 800	15.6	73.1	77.3	81.6	84.4	87.9	89.4	90.1	90.1	90.8	90.8	90.8	90.8	90.8
≥ 700	15.6	73.1	77.3	82.3	85.1	88.7	90.1	90.8	90.8	91.5	91.5	91.5	91.5	91.5
≥ 600	15.6	73.1	78.0	83.0	85.8	89.4	90.8	91.5	91.5	92.2	92.2	92.2	92.2	92.2
≥ 500	15.6	73.1	78.7	83.7	86.5	90.8	92.2	93.6	93.6	94.3	94.3	94.3	94.3	94.3
≥ 400	15.6	73.1	78.7	83.7	87.2	91.5	93.6	94.3	94.3	95.0	95.0	95.0	95.0	95.0
≥ 300	15.6	73.1	78.7	83.7	87.2	91.5	93.6	95.0	95.0	95.7	95.7	95.7	95.7	95.7
≥ 200	15.6	73.1	78.7	84.4	87.9	92.2	95.0	96.5	96.5	97.9	97.9	97.9	97.9	97.9
≥ 100	15.6	73.1	78.7	84.4	87.9	92.2	95.0	96.5	96.5	97.9	97.9	97.9	97.9	97.9
0	15.6	73.1	78.7	84.4	87.9	92.2	95.0	96.5	96.5	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	14.9	55.3	57.5	57.5	60.3	60.3	60.3	60.3	61.0	61.0	61.0	61.0	61.7	61.7
≥ 20000	14.9	59.6	61.7	61.7	64.5	64.5	64.5	64.5	65.3	65.3	65.3	65.3	66.0	66.0
≥ 18000	14.9	59.6	61.7	61.7	64.5	64.5	64.5	64.5	65.3	65.3	65.3	65.3	66.0	66.0
≥ 16000	14.9	59.6	61.7	61.7	64.5	64.5	64.5	64.5	65.3	65.3	65.3	65.3	66.0	66.0
≥ 14000	14.9	59.6	61.7	61.7	64.5	64.5	64.5	64.5	65.3	65.3	65.3	65.3	66.0	66.0
≥ 12000	14.9	60.3	62.4	62.4	65.3	65.3	65.3	65.3	66.0	66.0	66.0	66.0	66.7	66.7
≥ 10000	14.9	61.7	63.8	63.8	66.7	66.7	66.7	66.7	67.4	67.4	67.4	67.4	68.1	68.1
≥ 9000	14.9	61.7	63.8	63.8	66.7	66.7	66.7	66.7	67.4	67.4	67.4	67.4	68.1	68.1
≥ 8000	14.9	63.8	66.0	66.0	68.8	68.8	68.8	68.8	69.5	69.5	69.5	69.5	70.2	70.2
≥ 7000	14.9	63.8	66.0	66.0	68.8	68.8	68.8	68.8	69.5	69.5	69.5	69.5	70.2	70.2
≥ 6000	14.9	65.3	67.4	67.4	70.2	70.2	70.2	70.2	70.9	70.9	70.9	70.9	71.6	71.6
≥ 5000	14.9	66.0	68.1	68.1	70.9	70.9	70.9	70.9	71.6	71.6	71.6	71.6	72.3	72.3
≥ 4500	14.9	67.4	69.5	69.5	72.3	72.3	72.3	72.3	73.1	73.1	73.1	73.1	73.8	73.8
≥ 4000	14.9	68.1	70.2	70.2	73.1	73.1	73.1	73.1	73.8	73.8	73.8	73.8	74.5	74.5
≥ 3500	14.9	68.1	70.2	70.2	73.1	73.1	73.1	73.1	73.8	73.8	73.8	73.8	74.5	74.5
≥ 3000	15.6	69.5	71.6	71.6	75.2	75.2	75.2	75.2	75.9	75.9	75.9	75.9	76.6	76.6
≥ 2500	15.6	70.9	73.1	73.1	76.6	76.6	76.6	76.6	77.3	77.3	77.3	77.3	78.0	78.0
≥ 2000	15.6	76.6	78.7	79.4	83.7	83.7	83.7	83.7	84.4	84.4	84.4	84.4	85.1	85.1
≥ 1800	15.6	76.6	78.7	79.4	83.7	83.7	83.7	83.7	84.4	84.4	84.4	84.4	85.1	85.1
≥ 1500	15.6	78.0	80.1	80.9	85.8	85.8	85.8	85.8	86.5	86.5	86.5	86.5	87.2	87.2
≥ 1200	15.6	79.4	81.6	82.3	87.2	87.2	87.2	87.2	87.9	87.9	87.9	87.9	88.6	88.6
≥ 1000	15.6	79.4	81.6	82.3	87.2	87.2	87.2	87.2	87.9	87.9	87.9	87.9	88.6	88.6
≥ 900	15.6	80.1	82.3	83.0	87.9	87.9	87.9	87.9	88.6	88.6	88.6	88.6	89.4	89.4
≥ 800	15.6	80.1	82.3	83.0	87.9	87.9	87.9	87.9	88.6	88.6	88.6	88.6	89.4	89.4
≥ 700	15.6	80.9	83.0	83.7	88.7	88.7	88.7	88.7	89.4	89.4	89.4	89.4	90.1	90.1
≥ 600	15.6	81.6	83.7	84.4	89.4	89.4	89.4	89.4	90.1	90.1	90.1	90.1	90.8	90.8
≥ 500	15.6	81.6	83.7	85.1	90.8	90.8	90.8	90.8	91.5	91.5	91.5	91.5	92.2	92.2
≥ 400	15.6	81.6	83.7	85.1	90.8	90.8	90.8	90.8	91.5	91.5	91.5	91.5	92.2	92.2
≥ 300	15.6	83.0	85.8	87.2	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6	94.3	94.3
≥ 200	15.6	83.0	85.8	87.2	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6	94.3	94.3
≥ 100	15.6	83.0	85.8	87.2	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6	94.3	94.3
0	15.6	83.0	85.8	87.2	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6	94.3	94.3

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
MOON (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	12.1	50.4	51.3	52.7	53.6	53.6	54.3	54.6	54.7	55.2	55.4	55.4	55.9	56.0
≥ 20000	12.5	55.3	56.5	58.1	59.0	59.4	60.0	60.3	60.4	60.9	61.1	61.1	61.5	61.8
≥ 18000	12.5	55.5	56.7	58.2	59.2	59.6	60.2	60.5	60.6	61.1	61.3	61.3	61.7	62.0
≥ 16000	12.5	55.5	56.7	58.2	59.2	59.6	60.2	60.5	60.6	61.1	61.3	61.3	61.7	62.0
≥ 14000	12.5	56.0	57.2	58.8	59.8	60.1	60.7	61.0	61.1	61.6	61.8	61.8	62.2	62.5
≥ 12000	12.5	57.0	58.2	60.0	61.0	61.4	62.0	62.2	62.3	62.9	63.0	63.0	63.5	64.0
≥ 10000	12.5	58.6	60.0	61.9	62.9	63.3	63.9	64.2	64.4	64.9	65.1	65.1	65.5	66.1
≥ 9000	12.5	58.6	60.0	61.9	62.9	63.3	63.9	64.2	64.4	64.9	65.1	65.1	65.5	66.1
≥ 8000	12.7	60.4	61.8	63.7	64.8	65.2	65.8	66.1	66.2	66.8	66.9	67.4	67.6	68.2
≥ 7000	12.7	60.9	62.3	64.4	65.4	65.8	66.5	66.8	66.9	67.5	67.6	68.1	68.4	68.9
≥ 6000	12.8	62.0	63.4	65.5	66.6	66.9	67.6	67.9	68.1	68.6	68.8	69.2	69.5	70.0
≥ 5000	12.9	63.4	64.8	67.2	68.4	68.8	69.5	69.8	70.0	70.5	70.7	71.1	71.4	71.9
≥ 4500	12.9	64.3	65.7	68.2	69.6	70.0	70.7	70.9	71.1	71.6	71.8	72.3	72.5	72.8
≥ 4000	12.9	65.6	67.3	69.9	71.5	71.8	72.5	72.8	73.0	73.5	73.7	74.1	74.4	74.9
≥ 3500	13.0	66.1	67.7	70.3	72.0	72.3	73.1	73.3	73.5	74.0	74.2	74.7	74.9	75.4
≥ 3000	13.2	67.6	69.4	72.1	73.9	74.3	75.1	75.4	75.5	76.1	76.2	76.7	77.0	77.5
≥ 2500	13.2	69.2	71.0	73.7	75.7	76.2	77.0	77.3	77.5	78.0	78.2	78.6	78.9	79.4
≥ 2000	13.4	71.7	73.8	76.6	78.9	79.4	80.2	80.5	80.8	81.3	81.5	81.9	82.2	82.7
≥ 1800	13.4	72.1	74.1	77.0	79.3	79.8	80.6	80.9	81.1	81.7	81.8	82.3	82.5	82.8
≥ 1500	13.4	73.5	75.8	78.8	81.2	81.8	82.7	83.2	83.4	84.0	84.1	84.7	84.9	85.2
≥ 1200	13.4	74.0	76.5	79.5	81.9	82.5	83.4	83.9	84.1	84.7	84.8	85.4	85.6	85.9
≥ 1000	13.4	74.3	77.2	80.6	83.1	83.7	84.7	85.2	85.5	86.0	86.2	86.8	87.1	87.6
≥ 900	13.4	74.8	77.8	81.5	84.0	84.7	85.6	86.4	86.7	87.2	87.4	88.0	88.3	88.8
≥ 800	13.4	74.8	77.8	81.5	84.1	84.8	85.9	86.6	86.9	87.4	87.6	88.2	88.5	88.7
≥ 700	13.4	75.3	78.4	82.2	84.8	85.5	86.6	87.3	87.6	88.2	88.4	89.0	89.3	89.8
≥ 600	13.4	75.8	79.2	83.0	85.7	86.4	87.5	88.2	88.5	89.1	89.3	89.9	90.2	90.7
≥ 500	13.4	76.7	80.3	84.3	87.3	88.1	89.4	90.2	90.4	91.1	91.2	91.9	92.2	92.7
≥ 400	13.4	76.9	80.7	84.8	88.1	89.1	90.3	91.1	91.4	92.0	92.2	92.9	93.2	93.7
≥ 300	13.4	77.1	81.3	85.5	88.9	89.9	91.3	92.4	92.6	93.4	93.6	94.4	94.7	95.0
≥ 200	13.4	77.1	81.3	85.6	89.4	90.3	92.0	93.4	93.6	94.7	94.9	95.7	96.0	96.6
≥ 100	13.4	77.1	81.3	85.6	89.4	90.3	92.1	93.4	93.7	95.0	95.2	96.5	97.2	98.0
0	13.4	77.1	81.3	85.6	89.4	90.3	92.1	93.4	93.7	95.0	95.3	96.7	97.4	98.4

TOTAL NUMBER OF OBSERVATIONS

1128

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

MAR
MONTH

00
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.2	38.1	40.0	40.0	40.7	40.7	41.3	41.9	41.9	42.6	42.6	42.6	42.6	43.2
≥ 20000	3.9	41.9	43.9	43.9	44.5	44.5	45.2	45.8	45.8	47.1	47.1	47.1	47.1	47.7
≥ 18000	3.9	41.9	43.9	43.9	44.5	44.5	45.2	45.8	45.8	47.1	47.1	47.1	47.1	47.7
≥ 16000	3.9	41.9	43.9	43.9	44.5	44.5	45.2	45.8	45.8	47.1	47.1	47.1	47.1	47.7
≥ 14000	3.9	42.6	44.5	44.5	45.2	45.2	45.8	46.5	46.5	47.7	47.7	47.7	47.7	48.4
≥ 12000	3.9	43.2	45.2	45.2	45.8	45.8	46.5	47.1	47.1	48.4	48.4	48.4	48.4	49.0
≥ 10000	4.5	45.2	47.1	47.1	47.7	47.7	48.4	49.0	49.0	50.3	50.3	50.3	50.3	51.0
≥ 9000	4.5	45.2	47.1	47.1	47.7	47.7	48.4	49.0	49.0	50.3	50.3	50.3	50.3	51.0
≥ 8000	4.5	47.1	49.0	49.0	49.7	49.7	50.3	51.0	51.0	52.3	52.3	52.3	52.3	52.9
≥ 7000	4.5	47.7	49.7	49.7	50.3	50.3	51.0	51.6	51.6	52.9	52.9	52.9	52.9	53.6
≥ 6000	4.5	49.7	51.6	51.6	52.3	52.3	52.9	53.6	53.6	54.8	54.8	54.8	54.8	55.5
≥ 5000	4.5	51.0	52.9	53.6	54.2	54.2	54.8	55.5	55.5	56.8	56.8	56.8	56.8	57.4
≥ 4500	4.5	52.3	54.2	54.8	55.5	55.5	56.1	56.8	56.8	58.1	58.1	58.1	58.1	58.7
≥ 4000	4.5	52.9	54.8	55.5	56.1	56.1	56.8	57.4	57.4	58.7	58.7	58.7	58.7	59.4
≥ 3500	5.2	54.2	56.1	56.8	57.4	57.4	58.1	58.7	58.7	60.0	60.0	60.0	60.0	60.7
≥ 3000	5.2	54.2	56.1	56.8	57.4	57.4	58.1	58.7	58.7	60.0	60.0	60.0	60.0	60.7
≥ 2500	5.8	55.5	57.4	58.1	58.7	58.7	60.0	60.7	60.7	61.9	61.9	61.9	61.9	62.6
≥ 2000	5.8	57.4	59.4	60.0	60.7	60.7	61.9	62.6	62.6	63.9	63.9	63.9	63.9	64.5
≥ 1800	5.8	57.4	59.4	60.0	60.7	60.7	61.9	62.6	62.6	63.9	63.9	63.9	63.9	64.5
≥ 1500	5.8	57.4	60.7	61.3	61.9	61.9	63.2	63.9	63.9	65.2	65.2	65.2	65.2	65.8
≥ 1200	5.8	58.1	61.3	62.6	63.2	63.2	64.5	65.2	65.2	66.5	66.5	66.5	66.5	67.1
≥ 1000	5.8	58.7	61.9	63.9	64.5	64.5	65.8	66.5	66.5	67.7	67.7	67.7	67.7	68.4
≥ 900	5.8	61.3	64.5	66.5	67.1	67.1	68.4	69.0	69.0	70.3	70.3	70.3	70.3	71.0
≥ 800	5.8	61.3	64.5	66.5	67.1	67.1	68.4	69.0	69.0	70.3	70.3	70.3	70.3	71.0
≥ 700	5.8	61.9	65.2	67.7	68.4	68.4	69.7	70.3	70.3	71.6	71.6	71.6	71.6	72.3
≥ 600	5.8	62.6	65.8	68.4	69.0	69.0	70.3	71.0	71.0	72.3	72.3	72.3	72.3	72.9
≥ 500	5.8	64.5	69.0	71.6	72.9	73.6	74.8	75.5	75.5	76.8	76.8	76.8	76.8	77.4
≥ 400	5.8	65.2	69.7	72.9	73.6	73.6	74.8	75.5	75.5	76.8	76.8	76.8	76.8	77.4
≥ 300	5.8	66.5	71.6	75.5	80.0	81.3	83.9	84.5	84.5	85.8	85.8	85.8	85.8	87.1
≥ 200	5.8	67.1	72.3	76.1	81.3	82.6	87.1	87.7	87.7	89.7	90.3	91.0	91.0	91.6
≥ 100	5.8	67.1	72.3	76.1	81.3	82.6	87.1	87.7	87.7	91.0	91.6	92.3	94.2	95.5
0	5.8	67.1	72.3	76.1	81.3	82.6	87.1	87.7	87.7	91.0	91.6	92.3	94.2	96.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03455

PENSACOLA, FLORIDA

73-77

MARK

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.2	32.9	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	37.4	37.4	38.7
≥ 20000	3.2	36.1	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	40.7	40.7	41.9
≥ 18000	3.2	36.1	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	40.7	40.7	41.9
≥ 16000	3.2	36.1	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	40.7	40.7	41.9
≥ 14000	3.2	36.1	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	40.7	40.7	41.9
≥ 12000	3.9	37.4	38.7	39.4	39.4	39.4	39.4	40.0	40.0	40.0	40.0	40.0	42.6	42.6	43.9
≥ 10000	4.5	39.4	40.7	41.3	41.3	41.3	41.3	41.9	41.9	41.9	41.9	41.9	44.5	44.5	45.8
≥ 9000	4.5	40.0	41.3	41.9	41.9	41.9	41.9	42.6	42.6	42.6	42.6	42.6	45.2	45.2	46.5
≥ 8000	4.5	41.9	43.9	44.5	44.5	44.5	44.5	45.2	45.2	45.2	45.2	45.2	47.7	47.7	49.0
≥ 7000	4.5	42.6	44.5	45.2	45.2	45.2	45.2	45.8	45.8	45.8	45.8	45.8	48.4	48.4	49.7
≥ 6000	4.5	43.2	45.2	45.8	45.8	45.8	45.8	46.5	46.5	46.5	46.5	46.5	49.0	49.0	50.3
≥ 5000	5.2	47.7	49.7	50.3	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	53.6	53.6	54.8
≥ 4500	5.2	49.0	51.0	51.6	51.6	51.6	51.6	52.3	52.3	52.3	52.3	52.3	54.8	54.8	56.1
≥ 4000	5.2	51.6	54.2	55.5	55.5	55.5	55.5	56.1	56.1	56.1	56.1	56.1	58.7	58.7	60.0
≥ 3500	5.2	53.6	56.1	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1	60.7	60.7	61.9
≥ 3000	5.2	53.6	56.1	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1	60.7	60.7	61.9
≥ 2500	5.2	54.8	57.4	58.7	58.7	58.7	58.7	59.4	59.4	59.4	59.4	59.4	61.9	61.9	63.2
≥ 2000	5.8	57.4	60.0	61.3	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	64.5	64.5	65.8
≥ 1800	5.8	57.4	60.0	61.3	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	64.5	64.5	65.8
≥ 1500	5.8	58.7	61.9	63.2	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	66.5	66.5	67.7
≥ 1200	5.8	59.4	62.6	63.9	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5	67.7	67.7	69.0
≥ 1000	5.8	59.4	62.6	63.9	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5	67.7	67.7	69.0
≥ 900	5.8	60.0	63.2	64.5	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	67.7	67.7	69.0
≥ 800	5.8	60.7	63.9	65.2	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8	68.4	68.4	69.7
≥ 700	5.8	61.9	65.2	67.1	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	71.6	71.6	72.9
≥ 600	5.8	62.6	65.8	67.7	67.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4	72.9	72.9	74.2
≥ 500	5.8	64.5	67.7	69.7	69.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3	75.5	75.5	76.8
≥ 400	5.8	65.8	69.0	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	78.1	78.1	79.4
≥ 300	5.8	66.5	71.6	75.5	75.5	75.5	75.5	76.8	76.8	76.8	76.8	76.8	82.6	82.6	83.9
≥ 200	5.8	66.5	71.6	76.1	76.1	76.1	76.1	77.4	77.4	77.4	77.4	77.4	85.8	85.8	87.1
≥ 100	6.5	67.1	72.3	76.8	76.8	76.8	76.8	78.7	78.7	78.7	78.7	78.7	93.6	93.6	96.1
0	6.5	67.1	72.3	76.8	76.8	76.8	76.8	78.7	78.7	78.7	78.7	78.7	94.2	94.2	95.5

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

MAR
MONTH

06
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING		24.5	25.8	27.7	31.0	32.3	34.2	34.8	34.8	34.8	34.8	34.8	34.8
≥ 20000		27.7	29.0	32.3	35.5	38.1	40.0	40.7	40.7	40.7	40.7	40.7	40.7
≥ 18000		27.7	29.0	32.3	35.5	38.1	40.0	40.7	40.7	40.7	40.7	40.7	40.7
≥ 16000		27.7	29.0	32.3	35.5	38.1	40.0	40.7	40.7	40.7	40.7	40.7	40.7
≥ 14000		27.7	29.0	32.3	35.5	38.1	40.0	40.7	40.7	40.7	40.7	40.7	40.7
≥ 12000		28.4	30.3	33.6	36.8	39.4	41.3	41.9	41.9	41.9	41.9	41.9	41.9
≥ 10000		29.7	31.6	34.8	38.1	40.7	42.6	43.2	43.2	43.2	43.2	43.2	43.2
≥ 9000		29.7	31.6	34.8	38.1	40.7	42.6	43.2	43.2	43.2	43.2	43.2	43.2
≥ 8000	.7	32.9	34.8	38.1	41.3	43.9	45.8	46.5	46.5	47.1	47.1	47.1	47.1
≥ 7000	.7	33.6	35.5	38.7	41.9	44.5	46.5	47.1	47.1	47.7	47.7	47.7	47.7
≥ 6000	.7	34.2	36.1	39.4	42.6	45.2	47.1	47.7	48.4	48.4	48.4	48.4	48.4
≥ 5000	.7	34.8	36.8	40.0	43.2	45.8	47.7	48.4	49.0	49.0	49.0	49.0	49.0
≥ 4500	.7	36.8	38.7	42.6	45.8	48.4	50.3	51.0	51.0	51.6	51.6	51.6	51.6
≥ 4000	1.3	37.4	39.4	43.2	46.5	49.0	51.0	51.6	51.6	52.3	52.3	52.3	52.3
≥ 3500	1.3	38.1	40.0	43.9	47.1	49.7	51.0	52.3	52.3	52.9	52.9	52.9	52.9
≥ 3000	1.3	40.0	41.9	45.8	49.0	51.6	53.6	54.2	54.8	54.8	54.8	54.8	54.8
≥ 2500	1.3	41.3	43.2	47.1	50.3	52.9	54.8	55.5	56.1	56.1	56.1	56.1	56.1
≥ 2000	1.3	42.6	44.5	48.4	52.3	56.8	58.7	59.4	60.0	60.0	60.0	60.0	60.0
≥ 1800	1.3	42.6	44.5	48.4	52.3	56.8	58.7	59.4	60.0	60.0	60.0	60.0	60.0
≥ 1500	1.3	44.5	46.5	50.3	54.8	59.4	61.3	61.9	61.9	62.6	62.6	62.6	62.6
≥ 1200	1.3	45.8	47.7	52.3	56.8	61.3	63.2	63.9	63.9	64.5	64.5	64.5	64.5
≥ 1000	1.3	46.5	49.0	54.2	59.4	64.5	66.5	67.7	68.4	68.4	68.4	68.4	68.4
≥ 900	1.3	46.5	49.0	54.2	59.4	64.5	66.5	67.7	68.4	68.4	68.4	68.4	68.4
≥ 800	1.3	47.7	50.3	55.5	60.7	65.8	67.7	69.0	69.0	69.7	69.7	69.7	69.7
≥ 700	1.3	48.4	51.0	56.8	61.9	67.1	69.0	70.3	70.3	71.0	71.0	71.0	71.0
≥ 600	1.3	49.7	53.6	60.0	65.8	71.0	73.6	74.8	75.5	75.5	75.5	75.5	75.5
≥ 500	1.3	50.3	54.2	60.7	67.7	73.6	76.8	78.1	78.7	78.7	78.7	78.7	78.7
≥ 400	1.3	50.3	54.2	61.9	69.0	74.8	78.1	79.4	79.4	80.0	80.0	80.0	80.0
≥ 300	1.3	50.3	54.2	61.9	70.3	76.1	79.4	82.6	83.9	83.9	83.9	83.9	83.9
≥ 200	1.3	50.3	54.2	62.6	71.6	78.7	82.6	86.5	88.4	89.0	89.0	89.0	89.0
≥ 100	1.3	51.0	54.8	63.2	72.3	79.4	83.2	87.7	89.7	90.3	90.3	91.0	91.6
0	1.3	51.0	54.8	63.2	72.3	79.4	83.2	87.7	89.7	90.3	91.0	91.6	92.3

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855

PENSACOLA, FLORIDA

73-77

YEAR

MAR

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	1.9	31.0	31.0	32.3	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 20000	2.6	35.5	35.5	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 18000	2.6	35.5	35.5	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 16000	2.6	35.5	35.5	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 14000	2.6	36.1	36.1	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 12000	2.6	37.4	37.4	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 10000	3.2	39.4	40.0	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 9000	3.2	40.0	40.7	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 8000	3.2	43.2	45.2	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 7000	3.2	43.9	45.8	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 6000	3.2	43.9	45.8	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 5000	3.2	43.9	45.8	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 4500	3.9	46.5	48.4	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 4000	3.9	47.1	49.0	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 3500	3.9	48.4	50.3	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 3000	3.9	49.7	52.3	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 2500	3.9	50.3	54.2	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 2000	3.9	51.6	56.1	61.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 1800	3.9	51.6	56.1	61.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 1500	3.9	54.8	60.7	66.5	67.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1200	3.9	55.5	61.3	67.1	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1000	3.9	56.1	62.6	69.7	72.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 900	3.9	56.1	63.2	71.0	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 800	3.9	56.1	63.2	71.0	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 700	3.9	57.4	64.5	72.9	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 600	3.9	58.7	65.8	74.2	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7
≥ 500	3.9	59.4	67.1	76.1	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6
≥ 400	3.9	59.4	67.1	77.4	83.2	86.5	87.7	87.7	88.4	88.4	88.4	88.4
≥ 300	3.9	60.0	67.7	78.1	85.8	89.0	90.3	91.6	92.9	92.9	92.9	94.8
≥ 200	3.9	60.0	67.7	78.1	85.8	89.0	90.3	92.9	92.9	94.2	94.8	97.4
≥ 100	3.9	60.0	67.7	78.1	85.8	89.0	90.3	92.9	92.9	94.8	95.5	98.7
0	3.9	60.0	67.7	78.1	85.8	89.0	90.3	92.9	92.9	94.8	95.5	98.7

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	5.2	38.7	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	5.8	47.1	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 18000	5.8	47.1	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 16000	5.8	47.1	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 14000	5.8	47.1	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 12000	5.8	47.1	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 10000	5.8	51.6	53.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 9000	5.8	52.3	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 8000	5.8	54.2	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 7000	5.8	56.1	58.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 6000	5.8	56.1	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 5000	5.8	56.8	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500	6.5	58.7	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4000	6.5	60.0	63.9	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 3500	6.5	61.3	65.2	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3000	7.1	62.6	67.1	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2500	7.1	65.2	69.7	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 2000	7.1	67.1	72.3	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1800	7.1	67.1	72.3	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1500	7.1	68.4	74.2	77.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	7.1	69.0	75.5	78.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1000	7.1	69.0	75.5	79.4	81.3	81.9	81.9	81.9	81.9	81.9	81.9
≥ 900	7.1	69.0	76.1	80.7	82.6	83.2	83.2	83.2	83.2	83.2	83.2
≥ 800	7.1	71.0	78.1	83.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8
≥ 700	7.1	72.3	79.4	85.2	87.7	88.4	88.4	88.4	88.4	88.4	88.4
≥ 600	7.1	72.3	80.0	85.8	88.4	89.0	89.0	89.0	89.0	89.0	89.0
≥ 500	7.1	72.9	80.7	86.5	90.3	91.0	91.0	91.0	91.0	91.0	91.0
≥ 400	7.1	73.6	81.3	87.7	92.3	92.9	94.2	94.8	94.8	94.8	94.8
≥ 300	7.1	73.6	81.3	87.7	92.3	92.9	94.2	94.8	94.8	94.8	94.8
≥ 200	7.1	74.2	81.9	88.4	92.9	93.6	95.5	96.8	96.8	97.4	97.4
≥ 100	7.1	74.2	81.9	88.4	92.9	93.6	95.5	97.4	98.1	98.7	99.4
0	7.1	74.2	81.9	88.4	92.9	93.6	95.5	97.4	98.1	98.7	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	4.5	40.0	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 20000	5.8	49.0	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 18000	5.8	49.0	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 16000	5.8	49.0	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 14000	5.8	49.7	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 12000	5.8	51.0	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 10000	5.8	51.0	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 9000	5.8	51.0	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 8000	6.5	53.6	55.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 7000	6.5	54.2	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 6000	6.5	56.1	58.1	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 5000	7.1	57.4	59.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4500	7.1	58.1	60.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4000	7.1	60.0	61.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	7.1	60.0	62.6	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 3000	7.7	61.9	65.2	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 2500	7.7	62.6	65.8	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2000	7.7	63.9	67.1	70.3	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1800	7.7	64.5	68.4	71.6	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1500	7.7	69.7	75.5	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1200	7.7	70.3	76.8	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1000	7.7	70.3	76.8	80.7	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 900	7.7	71.0	78.1	81.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 800	7.7	71.6	78.7	82.6	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 700	7.7	71.6	79.4	83.9	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 600	7.7	71.6	80.0	84.5	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 500	7.7	71.6	80.0	85.2	89.7	90.3	90.3	90.3	90.3	91.0	91.0	91.6	91.6
≥ 400	7.7	71.6	80.7	86.5	91.6	92.3	92.3	92.3	92.3	92.9	92.9	93.6	93.6
≥ 300	7.7	71.6	80.7	87.1	92.9	93.6	93.6	93.6	93.6	95.5	95.5	96.1	96.1
≥ 200	7.7	71.6	80.7	87.7	93.6	94.2	94.2	94.2	94.2	96.8	96.8	97.4	97.4
≥ 100	7.7	71.6	80.7	87.7	93.6	94.2	94.2	94.2	94.2	96.8	96.8	98.1	98.1
0	7.7	71.6	80.7	87.7	93.6	94.2	94.2	94.2	94.2	96.8	96.8	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

MAR
MONTH

18
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	5.8	37.4	38.1	38.7	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 20000	7.7	47.1	49.7	51.0	51.6	52.3	53.6	53.6	53.6	53.6	53.6	53.6
≥ 18000	7.7	47.1	49.7	51.0	51.6	52.3	53.6	53.6	53.6	53.6	53.6	53.6
≥ 16000	7.7	47.1	49.7	51.0	51.6	52.3	53.6	53.6	53.6	53.6	53.6	53.6
≥ 14000	7.7	47.1	50.3	51.6	52.3	52.9	54.2	54.2	54.2	54.2	54.2	54.2
≥ 12000	7.7	47.7	51.0	52.3	52.9	54.2	55.5	55.5	55.5	55.5	55.5	55.5
≥ 10000	7.7	47.7	51.6	53.6	54.2	55.5	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	7.7	47.7	51.6	53.6	54.2	55.5	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000	7.7	51.0	54.8	56.8	57.4	58.7	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	7.7	51.6	56.8	58.7	60.0	61.3	62.6	62.6	62.6	62.6	62.6	62.6
≥ 6000	7.7	52.9	58.1	60.0	61.3	62.6	63.9	63.9	63.9	63.9	63.9	63.9
≥ 5000	7.7	54.8	60.7	62.6	63.9	65.2	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500	7.7	55.5	61.3	63.9	65.2	67.1	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4000	7.7	56.1	62.6	65.2	67.1	69.7	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3500	7.7	56.8	63.9	66.5	69.0	70.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000	7.7	56.8	63.9	67.1	69.7	71.0	72.9	72.9	72.9	72.9	72.9	72.9
≥ 2500	7.7	58.1	65.8	70.3	72.9	74.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2000	7.7	58.7	67.1	72.3	74.8	76.8	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1800	7.7	59.4	69.0	74.8	78.1	80.0	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1500	7.7	60.0	69.7	75.5	79.4	81.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	7.7	60.7	70.3	76.1	80.0	82.6	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	7.7	60.7	70.3	76.8	80.7	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 900	7.7	61.9	71.6	78.1	81.9	84.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 800	7.7	61.9	71.6	78.1	82.6	85.2	87.1	87.1	87.1	87.1	87.1	87.1
≥ 700	7.7	61.9	71.6	78.1	82.6	85.2	87.1	87.1	87.1	87.1	87.1	87.1
≥ 600	7.7	61.9	71.6	78.1	82.6	85.2	87.1	87.1	87.1	87.1	87.1	87.1
≥ 500	7.7	61.9	72.3	78.7	83.2	85.8	88.4	88.4	88.4	88.4	88.4	88.4
≥ 400	7.7	63.9	74.2	80.7	85.8	88.4	92.9	93.6	93.6	93.6	93.6	93.6
≥ 300	7.7	64.5	74.8	81.9	87.1	89.7	94.8	95.5	95.5	95.5	95.5	95.5
≥ 200	7.7	64.5	74.8	81.9	87.1	89.7	94.8	95.5	95.5	95.5	95.5	95.5
≥ 100	7.7	64.5	74.8	81.9	87.1	89.7	94.8	95.5	95.5	95.5	95.5	95.5
0	7.7	64.5	74.8	81.9	87.1	89.7	94.8	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS 155

AD-A063 836

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C

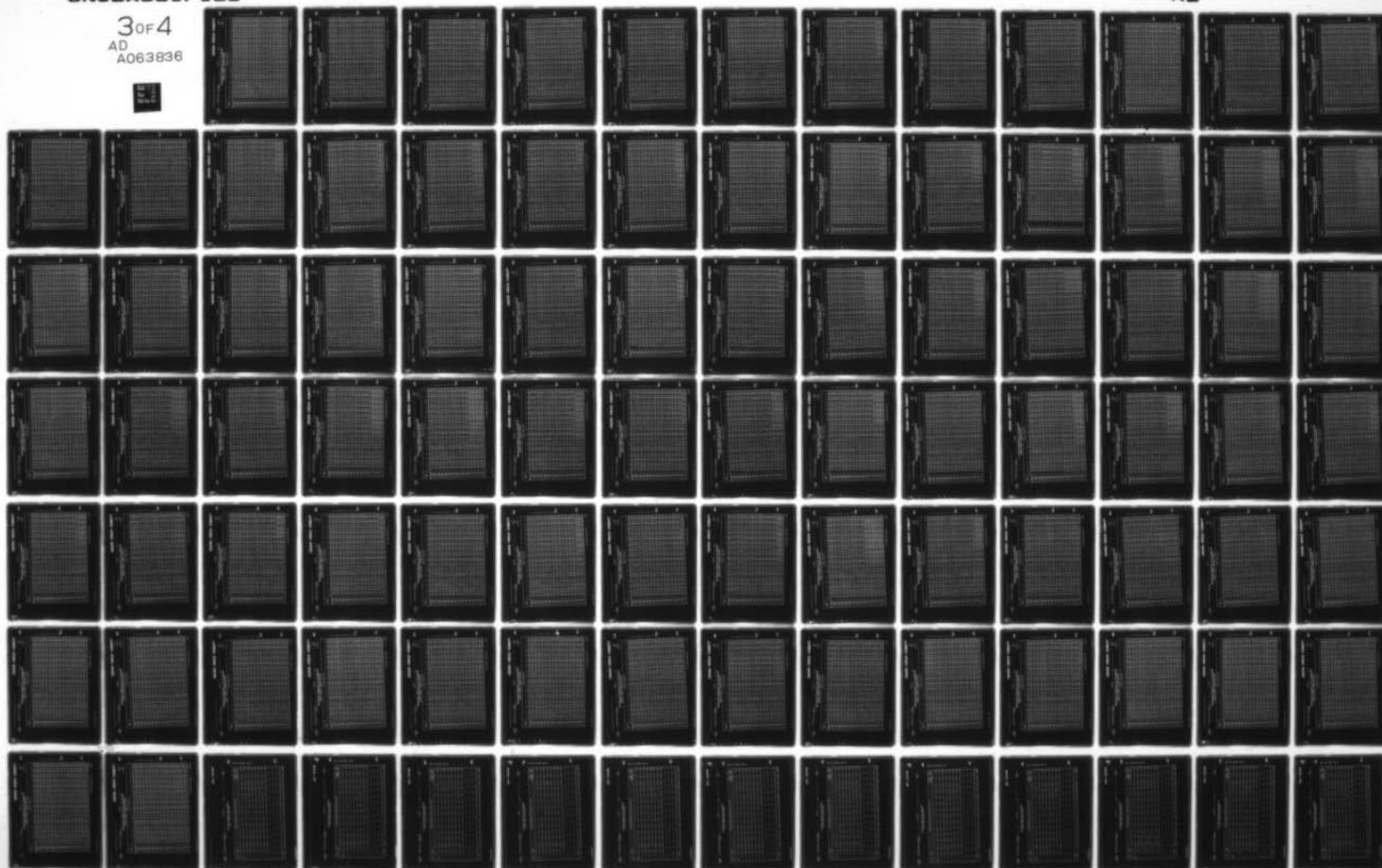
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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) PENSACOLA--ETC(U)
JUL 78

UNCLASSIFIED

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3 of 4
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2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATIONPENSACOLA, FLORIDA
STATION NAME73-77
YEARSMAR
MONTH21
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	4.5	42.6	44.5	45.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	5.8	48.4	51.0	51.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 18000	6.5	49.0	51.6	52.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 16000	6.5	49.0	51.6	52.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 14000	6.5	49.0	51.6	52.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 12000	6.5	49.0	51.6	52.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 10000	6.5	51.0	53.6	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 9000	6.5	51.0	53.6	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 8000	6.5	52.9	55.5	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 7000	6.5	53.6	56.1	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 6000	6.5	54.2	56.8	58.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 5000	6.5	56.8	59.4	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4500	6.5	57.4	60.0	61.3	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4000	6.5	58.7	61.9	63.2	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	6.5	58.7	61.9	63.2	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3000	7.1	60.0	63.2	64.5	65.8	66.5	67.1	67.1	67.1	67.1	67.1	67.1
≥ 2500	7.1	60.0	63.2	65.2	66.5	67.1	67.7	67.7	67.7	67.7	67.7	67.7
≥ 2000	7.1	61.9	66.5	68.4	69.7	70.3	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1800	7.1	61.9	67.1	69.0	70.3	71.0	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1500	7.1	66.5	72.3	74.8	76.1	76.8	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1200	7.1	66.5	72.3	74.8	76.1	77.4	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1000	7.1	67.7	73.6	76.1	77.4	78.7	79.4	79.4	79.4	79.4	79.4	79.4
≥ 900	7.1	69.7	75.5	78.1	79.4	80.7	81.3	81.3	81.3	81.3	81.3	81.3
≥ 800	7.1	69.7	75.5	78.1	79.4	80.7	81.3	81.3	81.3	81.3	81.3	81.3
≥ 700	7.1	69.7	75.5	78.1	80.0	81.3	81.9	81.9	81.9	81.9	81.9	81.9
≥ 600	7.1	71.0	76.8	79.4	81.3	82.6	83.9	83.9	83.9	83.9	83.9	83.9
≥ 500	7.1	71.6	77.4	80.0	81.9	83.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 400	7.1	72.3	78.1	80.7	82.6	83.9	87.1	88.4	88.4	88.4	88.4	88.4
≥ 300	7.1	72.3	78.1	80.7	83.2	85.8	89.7	89.7	89.7	89.7	89.7	89.7
≥ 200	7.1	72.3	78.7	81.3	83.9	85.8	90.3	90.3	91.0	91.0	91.6	91.6
≥ 100	7.1	72.3	78.7	81.3	84.5	86.5	89.7	91.6	93.6	94.2	96.1	98.1
≥ 0	7.1	72.3	78.7	81.3	84.5	86.5	89.7	91.6	93.6	94.2	96.1	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

MAR
MONTH
ALL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.6	35.7	36.7	37.5	38.2	38.5	38.8	39.0	39.0	39.0	39.0	39.0	39.4	39.4
≥ 20000	4.4	41.6	43.1	44.2	45.0	45.4	45.9	46.1	46.1	46.2	46.2	46.2	46.5	46.6
≥ 18000	4.4	41.7	43.2	44.3	45.1	45.5	46.0	46.1	46.1	46.3	46.3	46.3	46.6	46.7
≥ 16000	4.4	41.7	43.2	44.3	45.1	45.5	46.0	46.1	46.1	46.3	46.3	46.3	46.6	46.7
≥ 14000	4.4	41.9	43.6	44.7	45.3	45.9	46.4	46.5	46.5	46.7	46.7	46.7	47.0	47.1
≥ 12000	4.5	42.7	44.4	45.6	46.4	46.9	47.4	47.6	47.6	47.7	47.7	47.7	48.1	48.2
≥ 10000	4.8	44.4	46.4	47.7	48.5	49.0	49.5	49.7	49.7	49.8	49.8	49.8	50.2	50.3
≥ 9000	4.8	44.6	46.6	47.9	48.7	49.2	49.8	49.9	49.9	50.1	50.1	50.1	50.4	50.5
≥ 8000	4.9	47.1	49.4	50.7	51.5	52.0	52.6	52.7	52.7	53.0	53.0	53.0	53.3	53.4
≥ 7000	4.9	47.9	50.3	52.0	52.9	53.4	54.0	54.1	54.1	54.4	54.4	54.4	54.7	54.8
≥ 6000	4.9	48.8	51.3	53.1	54.0	54.5	55.1	55.2	55.2	55.5	55.5	55.5	55.8	55.9
≥ 5000	5.1	50.4	53.1	55.1	56.1	56.5	57.2	57.3	57.3	57.6	57.6	57.6	57.9	58.0
≥ 4500	5.2	51.8	54.5	56.7	57.8	58.4	59.0	59.2	59.2	59.4	59.4	59.4	59.8	59.8
≥ 4000	5.3	53.0	56.0	58.3	59.4	60.0	60.7	60.8	60.8	61.1	61.1	61.1	61.4	61.5
≥ 3500	5.4	53.9	57.0	59.4	60.6	61.2	61.9	62.1	62.1	62.3	62.3	62.3	62.7	62.7
≥ 3000	5.7	54.8	58.2	60.8	61.9	62.6	63.3	63.5	63.5	63.7	63.7	63.7	64.0	64.1
≥ 2500	5.7	56.0	59.7	62.4	63.6	64.3	65.1	65.2	65.2	65.5	65.5	65.5	65.8	65.9
≥ 2000	5.8	57.6	61.6	64.6	66.1	67.0	67.8	68.0	68.0	68.2	68.2	68.2	68.6	68.6
≥ 1800	5.8	57.7	61.9	64.8	66.4	67.3	68.2	68.4	68.4	68.6	68.6	68.6	69.0	69.0
≥ 1500	5.8	59.9	65.1	68.4	70.2	71.3	72.1	72.3	72.3	72.6	72.6	72.6	72.9	73.0
≥ 1200	5.8	60.6	65.9	69.4	71.4	72.7	73.6	73.8	73.8	74.0	74.0	74.0	74.4	74.4
≥ 1000	5.8	61.1	66.5	70.5	72.7	74.2	75.0	75.3	75.3	75.6	75.6	75.6	75.9	76.0
≥ 900	5.8	61.8	67.5	71.7	74.0	75.4	76.2	76.5	76.5	76.8	76.8	76.8	77.2	77.3
≥ 800	5.8	62.5	68.2	72.5	74.9	76.4	77.2	77.5	77.5	77.7	77.7	77.7	78.2	78.3
≥ 700	5.8	63.2	69.0	73.7	76.5	78.0	78.8	79.1	79.1	79.4	79.4	79.4	79.8	79.9
≥ 600	5.8	63.8	69.9	74.8	77.9	79.4	80.5	80.9	80.9	81.1	81.1	81.1	81.6	81.7
≥ 500	5.8	64.6	71.1	76.1	79.6	81.3	82.6	83.2	83.2	83.6	83.6	83.6	84.0	84.1
≥ 400	5.8	65.2	71.8	77.4	81.6	83.6	85.7	86.3	86.3	86.7	86.7	86.7	87.2	87.3
≥ 300	5.8	65.7	72.5	78.6	83.6	85.7	88.0	89.0	89.0	89.8	89.8	89.8	90.5	90.7
≥ 200	5.8	65.8	72.7	79.0	84.2	86.5	89.4	90.8	90.8	91.9	92.2	92.3	93.3	93.5
≥ 100	5.9	66.0	72.9	79.2	84.5	86.9	89.8	91.5	91.5	93.3	94.0	94.1	96.0	96.3
0	5.9	66.0	72.9	79.2	84.5	86.9	89.8	91.5	91.5	93.4	94.0	94.2	96.2	97.1

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

APR
MONTH

00
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	10.0	60.7	62.7	64.0	64.7	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	11.3	66.0	68.7	70.0	70.7	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	11.3	66.0	68.7	70.0	70.7	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000	11.3	66.0	68.7	70.0	70.7	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	11.3	66.7	69.3	70.7	71.3	72.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	11.3	68.0	70.7	72.0	72.7	73.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	11.3	68.7	71.3	72.7	73.3	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	11.3	69.3	72.0	73.3	74.0	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	11.3	72.0	74.7	76.0	76.7	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	11.3	72.0	74.7	76.0	76.7	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	11.3	72.0	74.7	76.0	76.7	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	11.3	72.7	75.3	76.7	77.3	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	11.3	73.3	76.0	77.3	78.0	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	11.3	74.7	77.3	78.7	79.3	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	11.3	75.3	78.0	79.3	80.0	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3000	11.3	78.7	81.3	82.7	83.3	84.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	11.3	79.3	82.0	83.3	84.0	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	11.3	80.0	82.7	84.0	84.7	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	11.3	80.0	82.7	84.0	84.7	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	11.3	80.7	83.3	84.7	85.3	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	11.3	81.3	84.0	85.3	86.0	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	11.3	81.3	84.7	86.7	87.3	88.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	11.3	81.3	84.7	86.7	87.3	88.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	11.3	82.0	85.3	87.3	88.7	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	11.3	82.0	85.3	87.3	89.3	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 600	11.3	82.7	86.0	88.0	90.0	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	11.3	84.0	87.3	89.3	91.3	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	11.3	84.0	87.3	89.3	91.3	92.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 300	11.3	84.7	88.0	90.7	92.7	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 200	11.3	84.7	88.0	91.3	93.3	94.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	11.3	84.7	88.0	91.3	93.3	94.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 0	11.3	84.7	88.0	91.3	93.3	94.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

APR
MONTH

03
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	6.0	54.0	54.7	56.7	57.3	57.3	57.3	59.3	59.3	61.3	61.3	61.3	63.3	63.3
≥ 20000	6.0	59.3	60.7	62.7	63.3	63.3	63.3	65.3	65.3	67.3	67.3	67.3	69.3	69.3
≥ 18000	6.0	59.3	60.7	62.7	63.3	63.3	63.3	65.3	65.3	67.3	67.3	67.3	69.3	69.3
≥ 16000	6.0	59.3	60.7	62.7	63.3	63.3	63.3	65.3	65.3	67.3	67.3	67.3	69.3	69.3
≥ 14000	6.0	60.0	61.3	63.3	64.0	64.0	64.0	66.0	66.0	68.0	68.0	68.0	70.0	70.0
≥ 12000	6.0	62.0	63.3	65.3	66.0	66.0	66.0	68.0	68.0	70.0	70.0	70.0	72.0	72.0
≥ 10000	6.0	64.7	66.0	68.0	68.7	68.7	68.7	70.7	70.7	72.7	72.7	72.7	74.7	74.7
≥ 9000	6.0	64.7	66.0	68.0	68.7	68.7	68.7	70.7	70.7	72.7	72.7	72.7	74.7	74.7
≥ 8000	6.0	64.7	66.7	68.7	69.3	69.3	69.3	70.0	70.0	72.0	72.0	72.0	74.0	74.0
≥ 7000	6.0	64.7	66.7	68.7	69.3	69.3	69.3	70.0	70.0	72.0	72.0	72.0	74.0	74.0
≥ 6000	6.0	65.3	67.3	69.3	70.0	70.0	70.0	71.3	71.3	73.3	73.3	73.3	75.3	75.3
≥ 5000	6.0	66.0	68.0	70.0	70.7	70.7	70.7	71.3	71.3	73.3	73.3	73.3	75.3	75.3
≥ 4500	6.0	66.7	68.7	70.7	71.3	71.3	71.3	72.0	72.0	74.0	74.0	74.0	76.0	76.0
≥ 4000	6.0	67.3	69.3	71.3	72.0	72.0	72.0	72.7	72.7	74.7	74.7	74.7	76.7	76.7
≥ 3500	6.0	67.3	69.3	71.3	72.0	72.0	72.0	72.7	72.7	74.7	74.7	74.7	76.7	76.7
≥ 3000	6.0	68.0	70.0	72.0	72.7	72.7	72.7	73.3	73.3	75.3	75.3	75.3	77.3	77.3
≥ 2500	6.0	68.7	71.3	73.3	74.0	74.0	74.0	74.7	74.7	76.7	76.7	76.7	78.7	78.7
≥ 2000	6.0	69.3	72.0	74.0	74.7	74.7	74.7	75.3	75.3	77.3	77.3	77.3	79.3	79.3
≥ 1800	6.0	69.3	72.0	74.0	74.7	74.7	74.7	75.3	75.3	77.3	77.3	77.3	79.3	79.3
≥ 1500	6.0	70.0	73.3	76.0	76.7	76.7	76.7	77.3	77.3	79.3	79.3	79.3	81.3	81.3
≥ 1200	6.0	72.7	76.0	78.7	79.3	79.3	79.3	80.0	80.0	82.0	82.0	82.0	84.0	84.0
≥ 1000	6.0	73.3	77.3	80.0	80.7	80.7	80.7	81.3	81.3	83.3	83.3	83.3	85.3	85.3
≥ 900	6.0	73.3	77.3	80.0	81.3	81.3	81.3	82.0	82.0	84.0	84.0	84.0	86.0	86.0
≥ 800	6.0	73.3	78.0	80.7	82.0	82.0	82.0	82.7	82.7	84.7	84.7	84.7	86.7	86.7
≥ 700	6.0	74.0	78.7	81.3	83.3	83.3	83.3	84.0	84.0	86.0	86.0	86.0	88.0	88.0
≥ 600	6.0	74.0	78.7	81.3	83.3	83.3	83.3	84.0	84.0	86.7	86.7	86.7	88.7	88.7
≥ 500	6.0	75.3	80.0	82.7	84.7	84.7	84.7	85.3	85.3	88.0	88.0	88.0	90.0	90.0
≥ 400	6.0	76.7	81.3	84.0	86.7	86.7	86.7	87.3	87.3	90.0	90.0	90.0	92.0	92.0
≥ 300	6.0	76.7	81.3	84.0	86.7	86.7	86.7	87.3	87.3	90.0	90.0	90.0	92.0	92.0
≥ 200	6.0	76.7	81.3	84.0	86.7	86.7	86.7	87.3	87.3	90.0	90.0	90.0	92.0	92.0
≥ 100	6.0	76.7	81.3	84.0	86.7	86.7	86.7	87.3	87.3	90.0	90.0	90.0	92.0	92.0
0	6.0	76.7	81.3	84.0	86.7	86.7	86.7	87.3	87.3	90.0	90.0	90.0	92.0	92.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SWOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

APR
MONTH

06
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	2.0	41.3	43.3	44.7	48.0	48.0	51.3	52.0	52.0	52.7	52.7	53.3	54.7
≥ 20000	2.0	44.0	46.7	48.0	52.7	52.7	56.0	56.7	56.7	57.3	57.3	58.0	60.0
18000	2.0	44.0	46.7	48.0	52.7	52.7	56.0	56.7	56.7	57.3	57.3	58.0	60.0
16000	2.0	44.0	46.7	48.0	52.7	52.7	56.0	56.7	56.7	57.3	57.3	58.0	60.0
14000	2.0	44.0	46.7	48.0	52.7	52.7	56.0	56.7	56.7	57.3	57.3	58.0	60.0
12000	2.0	44.0	46.7	48.0	52.7	52.7	56.0	56.7	56.7	57.3	57.3	58.0	60.0
10000	2.7	48.7	51.3	52.7	57.3	57.3	60.7	61.3	61.3	62.0	62.0	62.7	64.7
9000	2.7	48.7	51.3	52.7	57.3	57.3	60.7	61.3	61.3	62.0	62.0	62.7	64.7
8000	2.7	49.3	52.7	54.7	59.3	59.3	62.7	63.3	63.3	64.7	64.7	65.3	67.3
7000	2.7	50.0	53.3	55.3	60.0	60.0	63.3	64.0	64.0	65.3	65.3	66.0	68.0
6000	2.7	50.0	53.3	55.3	60.0	60.0	63.3	64.0	64.0	65.3	65.3	66.0	68.0
5000	3.3	50.7	54.0	56.7	61.3	61.3	64.7	66.0	66.0	67.3	67.3	68.0	70.0
4500	3.3	50.7	54.7	57.3	62.0	62.0	65.3	66.7	66.7	68.0	68.0	68.7	70.7
4000	3.3	52.0	56.0	59.3	64.0	64.0	67.3	68.7	68.7	70.0	70.0	70.7	72.7
3500	3.3	52.0	56.0	59.3	64.7	64.7	68.0	69.3	69.3	70.7	70.7	71.3	73.3
3000	3.3	52.0	56.7	60.7	66.0	66.0	70.7	72.0	72.0	73.3	73.3	74.0	76.0
2500	3.3	54.0	58.0	62.7	68.7	68.7	73.3	74.7	74.7	76.0	76.0	76.7	78.7
2000	3.3	54.7	58.7	63.3	69.3	69.3	74.7	76.0	76.0	77.3	77.3	78.0	80.0
1800	3.3	54.7	58.7	64.0	70.7	71.3	76.0	77.3	77.3	78.7	78.7	79.3	81.3
1500	3.3	56.0	60.0	66.0	72.7	73.3	78.0	79.3	79.3	80.7	80.7	81.3	83.3
1200	3.3	56.7	61.3	67.3	75.3	76.0	80.7	82.0	82.0	83.3	83.3	84.0	86.0
1000	3.3	56.7	61.3	69.3	78.0	78.7	83.3	84.7	84.7	86.0	86.0	87.3	89.3
900	3.3	56.7	61.3	70.0	78.7	79.3	84.0	85.3	85.3	86.7	86.7	88.0	90.0
800	3.3	56.7	61.3	70.0	78.7	79.3	84.0	85.3	85.3	86.7	86.7	88.0	90.0
700	3.3	56.7	61.3	70.0	78.7	79.3	84.0	85.3	85.3	86.7	86.7	88.0	90.0
600	3.3	57.3	62.0	72.0	80.7	81.3	86.0	87.3	87.3	88.7	88.7	90.0	92.0
500	3.3	57.3	62.0	72.0	80.7	81.3	86.0	87.3	87.3	88.7	88.7	90.0	92.0
400	3.3	58.0	62.7	74.0	82.7	83.3	88.7	90.0	90.0	91.3	91.3	92.7	94.7
300	3.3	58.0	62.7	74.0	82.7	83.3	88.7	90.0	90.0	91.3	91.3	92.7	94.7
200	3.3	58.0	62.7	74.0	82.7	83.3	88.7	90.7	90.7	92.0	92.0	93.3	96.7
100	3.3	58.0	62.7	74.0	82.7	83.3	88.7	90.7	90.7	92.0	92.0	93.3	96.0
0	3.3	58.0	62.7	74.0	82.7	83.3	88.7	90.7	90.7	92.0	92.0	93.3	96.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION
03855STATION NAME
PENSACOLA, FLORIDA

73-77

YEARS

APR

MONTH

09

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	8.0	47.3	52.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	8.0	52.7	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	8.0	52.7	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	8.0	52.7	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	8.0	52.7	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 12000	8.0	54.0	61.3	62.7	62.7	62.7	62.7	62.7	63.3	63.3	63.3
≥ 10000	8.0	57.3	66.0	68.0	68.0	68.0	68.0	68.0	68.7	68.7	68.7
≥ 9000	8.0	57.3	66.0	68.0	68.0	68.0	68.0	68.0	68.7	68.7	68.7
≥ 8000	8.0	58.0	66.7	68.7	69.3	69.3	69.3	69.3	70.0	70.0	70.0
≥ 7000	8.0	58.7	67.3	69.3	70.0	70.0	70.0	70.0	70.7	70.7	70.7
≥ 6000	8.0	58.7	67.3	69.3	70.0	70.0	70.0	70.0	70.7	70.7	70.7
≥ 5000	8.0	58.7	68.0	70.7	71.3	71.3	71.3	71.3	72.0	72.0	72.0
≥ 4500	8.0	58.7	68.0	70.7	71.3	71.3	71.3	71.3	72.0	72.0	72.0
≥ 4000	8.0	59.3	69.3	72.7	73.3	73.3	73.3	73.3	74.0	74.0	74.0
≥ 3500	8.0	59.3	69.3	73.3	74.0	74.0	74.0	74.0	74.7	74.7	74.7
≥ 3000	8.0	62.0	72.7	76.7	77.3	77.3	77.3	77.3	78.0	78.0	78.0
≥ 2500	8.0	62.0	72.7	76.7	77.3	77.3	77.3	77.3	78.0	78.0	78.0
≥ 2000	8.0	63.3	74.0	78.0	79.3	79.3	79.3	79.3	80.0	80.0	80.0
≥ 1800	8.0	64.7	76.0	80.0	82.0	82.0	82.0	82.0	82.7	82.7	82.7
≥ 1500	8.0	67.3	79.3	85.3	87.3	87.3	87.3	87.3	88.0	88.0	88.0
≥ 1200	8.0	68.0	80.0	87.3	89.3	89.3	89.3	89.3	90.0	90.0	90.0
≥ 1000	8.0	69.3	81.3	88.7	90.7	90.7	90.7	90.7	91.3	91.3	91.3
≥ 900	8.0	70.0	82.0	89.3	91.3	91.3	91.3	91.3	92.0	92.0	92.0
≥ 800	8.0	70.7	82.7	90.0	92.0	92.0	92.0	92.0	92.7	92.7	92.7
≥ 700	8.0	71.3	84.0	91.3	93.3	93.3	93.3	94.0	94.7	94.7	94.7
≥ 600	8.0	71.3	84.0	92.0	94.0	94.0	94.0	95.3	96.0	96.0	96.0
≥ 500	8.0	71.3	84.0	92.0	94.7	94.7	94.7	96.0	96.7	96.7	96.7
≥ 400	8.0	71.3	84.0	92.0	94.7	94.7	94.7	96.0	96.7	96.7	96.7
≥ 300	8.0	71.3	84.0	92.7	95.3	95.3	95.3	96.7	97.3	97.3	97.3
≥ 200	8.0	71.3	84.0	92.7	96.0	96.0	96.0	97.3	98.0	98.0	98.0
≥ 100	8.0	71.3	84.0	92.7	96.0	96.0	96.0	97.3	98.0	98.0	98.0
0	8.0	71.3	84.0	92.7	96.0	96.0	96.0	97.3	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA

73-77

STATION NAME

YEARS

APR

MONTH

12

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.3	51.3	53.3	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	14.0	58.0	61.3	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
18000	14.0	58.0	61.3	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
16000	14.0	58.7	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
14000	14.0	60.0	63.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
12000	14.0	60.7	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
10000	14.0	62.7	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
9000	14.0	62.7	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
8000	14.0	63.3	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
7000	14.0	65.3	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
6000	14.0	65.3	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
5000	14.0	68.0	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
4500	14.0	68.7	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
4000	14.0	70.0	75.3	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
3500	14.0	70.0	75.3	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
3000	14.0	71.3	78.0	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
2500	14.0	73.3	80.7	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
2000	14.0	74.7	82.7	84.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
1800	14.0	74.7	82.7	84.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
1500	14.0	76.0	86.7	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
1200	14.0	75.0	87.3	90.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
1000	14.0	76.0	87.3	90.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
900	14.0	77.3	88.7	92.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
800	14.0	77.3	88.7	92.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
700	14.0	77.3	88.7	92.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
600	14.0	77.3	88.7	92.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
500	14.0	77.3	89.3	94.0	96.7	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0
400	14.0	77.3	89.3	94.7	97.3	98.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
300	14.0	77.3	89.3	94.7	97.3	98.0	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
200	14.0	77.3	89.3	94.7	97.3	98.0	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
100	14.0	77.3	89.3	94.7	97.3	98.0	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
0	14.0	77.3	89.3	94.7	97.3	98.0	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03255
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	12.0	56.7	58.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	13.3	63.3	66.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	13.3	63.3	66.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	13.3	63.3	66.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	13.3	64.7	67.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 12000	13.3	66.7	69.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 10000	13.3	67.3	70.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	13.3	68.0	70.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000	13.3	68.7	71.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000	13.3	68.7	71.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	13.3	69.3	72.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	13.3	70.0	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	13.3	70.0	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000	13.3	71.3	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3500	14.0	72.7	75.3	77.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000	14.0	74.0	76.7	78.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500	14.0	75.3	78.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	14.0	75.3	78.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	14.0	75.3	78.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	14.0	76.0	79.3	84.0	84.0	84.0	84.7	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1200	14.0	76.0	79.3	86.0	86.0	86.0	87.3	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	14.0	76.0	79.3	87.3	87.3	87.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	14.0	77.3	80.7	89.3	90.0	90.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	14.0	77.3	82.0	90.7	91.3	91.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	14.0	78.7	84.0	92.7	93.3	93.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	14.0	78.7	84.0	92.7	93.3	93.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	14.0	78.7	84.7	93.3	94.0	94.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	14.0	79.3	85.3	95.3	96.0	96.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	14.0	79.3	85.3	95.3	96.0	96.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	14.0	79.3	85.3	95.3	96.0	96.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	14.0	79.3	85.3	95.3	96.0	96.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	14.0	79.3	85.3	95.3	96.0	96.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855 STATION

PENSACOLA, FLORIDA

73-77

STATION NAME

YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	10.0	55.3	56.7	56.7	57.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	12.7	64.0	66.0	66.7	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 18000	12.7	64.0	66.0	66.7	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 16000	12.7	64.0	66.0	66.7	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000	12.7	64.7	66.7	67.3	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 12000	12.7	66.7	68.7	69.3	70.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	12.7	69.3	71.3	72.0	73.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	12.7	69.3	71.3	72.0	73.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 8000	12.7	70.7	72.7	74.0	75.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 7000	12.7	70.7	72.7	74.0	75.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	12.7	70.7	72.7	74.0	75.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	12.7	72.0	74.7	76.0	77.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	12.7	72.0	74.7	76.0	77.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	12.7	72.7	75.3	78.0	80.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	12.7	74.0	76.7	79.3	81.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	12.7	74.7	77.3	80.0	82.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	12.7	74.7	77.3	80.7	82.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	12.7	76.0	78.7	82.0	84.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	12.7	76.0	79.3	82.7	84.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	12.7	76.0	79.3	82.7	85.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	12.7	76.0	79.3	82.7	86.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	12.7	76.0	80.7	84.0	88.0	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	12.7	76.0	82.7	86.0	90.0	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	12.7	76.7	83.3	86.7	90.7	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	12.7	77.3	84.0	88.0	92.0	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	12.7	78.0	84.7	89.3	93.3	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	12.7	78.0	84.7	89.3	94.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	12.7	78.0	84.7	89.3	94.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	12.7	78.0	84.7	89.3	94.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	12.7	78.0	84.7	89.3	94.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 0	12.7	78.0	84.7	89.3	94.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

APR
MONTH

21
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	12.0	65.3	66.0	68.7	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 20000	13.3	68.7	69.3	72.7	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
18000	13.3	68.7	69.3	72.7	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
16000	13.3	68.7	69.3	70.0	73.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
14000	13.3	69.3	70.0	73.3	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
12000	13.3	70.7	71.3	75.3	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
10000	13.3	72.0	72.7	75.7	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
9000	13.3	72.0	72.7	76.7	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
8000	13.3	74.0	74.7	78.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
7000	13.3	74.7	75.3	79.3	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
6000	13.3	74.7	75.3	79.3	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
5000	13.3	74.7	75.3	79.3	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
4500	13.3	75.3	76.7	80.7	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
4000	13.3	76.7	78.0	82.0	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
3500	13.3	78.0	79.3	83.3	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
3000	13.3	79.3	80.7	84.7	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
2500	13.3	80.0	81.3	85.3	87.3	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
2000	13.3	80.7	82.7	86.7	88.7	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1800	13.3	80.7	82.7	86.7	88.7	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1600	13.3	81.3	83.3	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1400	13.3	81.3	83.3	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1200	13.3	81.3	83.3	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1000	13.3	81.3	83.3	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
900	13.3	81.3	83.3	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
800	13.3	81.3	83.3	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
700	13.3	81.3	83.3	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
600	13.3	81.3	83.3	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
500	13.3	81.3	83.3	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
400	13.3	81.3	83.3	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
300	13.3	81.3	83.3	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
200	13.3	81.3	83.3	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
100	13.3	81.3	83.3	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
0	13.3	81.3	83.3	87.3	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3

150

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION
03855

STATION NAME
PENSACOLA, FLORIDA

73-77

YEARS

APR

MOUTH

ALL
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING	9.2	54.0	55.9	57.2	58.1	58.3	59.3	59.3	59.3	59.7	59.7	59.7	59.7	60.3	
≥ 20000	10.1	59.5	62.2	63.7	64.8	65.0	65.9	66.0	66.0	66.3	66.3	66.3	66.3	67.0	
≥ 18000	10.1	59.5	62.2	63.7	64.8	65.0	65.9	66.0	66.0	66.3	66.3	66.3	66.3	67.0	
≥ 16000	10.1	59.7	62.3	63.8	64.9	65.2	66.1	66.2	66.2	66.5	66.5	66.5	66.5	67.2	
≥ 14000	10.1	60.3	62.9	64.4	65.5	65.8	66.7	66.8	66.8	67.1	67.1	67.1	67.1	67.8	
≥ 12000	10.1	61.9	64.8	66.3	67.4	67.5	68.7	68.8	68.8	69.2	69.2	69.2	69.2	69.8	
≥ 10000	10.2	63.8	66.8	68.3	69.7	70.0	70.9	71.0	71.0	71.4	71.4	71.4	71.4	72.1	
≥ 9000	10.2	64.0	67.0	68.7	69.8	70.2	71.1	71.2	71.2	71.6	71.6	71.6	71.6	72.3	
≥ 8000	10.2	65.1	68.3	70.1	71.3	71.8	72.7	72.8	72.8	73.3	73.3	73.3	73.3	73.9	
≥ 7000	10.2	65.6	68.8	70.6	71.8	72.3	73.2	73.3	73.3	73.8	73.8	73.8	73.8	74.4	
≥ 6000	10.2	65.8	68.9	70.8	72.0	72.4	73.3	73.4	73.4	73.9	73.9	73.9	73.9	74.6	
≥ 5000	10.3	66.6	70.0	72.0	73.3	73.7	74.6	74.8	74.8	75.3	75.3	75.3	75.3	75.9	
≥ 4500	10.3	66.9	70.6	72.6	73.9	74.3	75.3	75.4	75.4	75.9	75.9	75.9	75.9	76.6	
≥ 4000	10.3	68.0	71.8	74.2	75.6	76.0	77.0	77.2	77.2	77.7	77.7	77.7	77.7	78.3	
≥ 3500	10.3	68.6	72.4	74.9	76.4	76.8	77.8	78.0	78.0	78.5	78.5	78.5	78.5	79.2	
≥ 3000	10.3	70.1	74.2	76.8	78.3	78.8	80.0	80.2	80.2	80.7	80.7	80.7	80.7	81.3	
≥ 2500	10.3	70.9	75.3	78.0	79.7	80.3	81.4	81.7	81.7	82.2	82.2	82.2	82.2	82.8	
≥ 2000	10.3	71.8	76.3	79.1	80.8	81.4	82.7	82.9	82.9	83.4	83.4	83.4	83.4	84.1	
≥ 1800	10.3	71.9	76.6	79.3	81.4	82.0	83.3	83.6	83.6	84.1	84.1	84.1	84.1	84.8	
≥ 1500	10.3	72.9	78.1	81.8	83.8	84.4	85.7	86.0	86.0	86.5	86.5	86.5	86.5	87.2	
≥ 1200	10.3	73.5	78.8	83.4	85.8	86.4	87.8	88.1	88.1	88.6	88.6	88.6	88.6	89.3	
≥ 1000	10.3	73.8	79.5	84.4	87.3	87.9	89.3	89.7	89.7	90.2	90.2	90.2	90.2	90.9	
≥ 900	10.3	74.2	80.2	85.3	88.3	89.0	90.4	90.8	90.8	91.3	91.3	91.3	91.3	92.0	
≥ 800	10.3	74.5	80.8	85.9	89.0	89.7	91.1	91.4	91.4	91.9	91.9	91.9	91.9	92.8	
≥ 700	10.3	74.9	81.3	86.7	89.9	90.6	92.0	92.4	92.4	92.9	92.9	92.9	92.9	93.8	
≥ 600	10.3	75.1	81.5	87.2	90.4	91.2	92.7	93.2	93.2	93.7	93.7	93.7	93.7	94.5	
≥ 500	10.3	75.5	82.1	87.8	91.3	92.0	93.5	94.0	94.0	94.6	94.6	94.6	94.6	95.4	
≥ 400	10.3	75.9	82.5	88.8	92.3	93.1	94.6	95.3	95.3	96.0	96.0	96.0	96.0	96.8	
≥ 300	10.3	76.1	82.7	89.1	92.7	93.4	95.3	95.8	95.8	96.7	96.7	96.7	96.7	97.5	
≥ 200	10.3	76.2	82.8	89.3	92.9	93.8	95.8	96.3	96.3	97.4	97.4	97.4	97.4	98.7	
≥ 100	10.3	76.2	82.8	89.3	92.9	93.8	95.8	96.5	96.5	97.8	97.8	97.8	97.8	99.4	
≥ 0	10.3	76.2	82.8	89.3	92.9	93.8	95.8	96.5	96.5	97.8	97.8	97.8	97.8	100.0	

TOTAL NUMBER OF OBSERVATIONS

1200

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

0000

0000

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA

73-77

YEARS

MAY
MONTH

00
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	4.5	61.9	63.9	65.2	65.8	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 20000	4.5	68.4	71.0	72.9	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	4.5	68.4	71.0	72.9	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	4.5	68.4	71.0	72.9	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	4.5	69.0	71.6	73.6	74.2	74.2	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	4.5	69.7	72.3	74.2	74.8	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000	4.5	72.3	74.8	76.8	77.4	77.4	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 9000	4.5	72.9	75.5	77.4	78.1	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	5.2	76.8	79.4	81.3	81.9	81.9	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	5.2	77.4	80.0	81.9	82.6	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	5.2	77.4	80.0	81.9	82.6	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 5000	5.2	77.4	80.0	81.9	82.6	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	5.2	77.4	80.0	81.9	82.6	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	5.2	78.1	80.7	82.6	83.2	83.2	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	5.2	78.1	80.7	82.6	83.2	83.2	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	5.2	78.7	81.9	83.9	84.5	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	5.2	79.4	82.6	84.5	85.2	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	5.2	81.3	85.2	87.1	87.7	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	5.2	81.3	85.2	87.1	87.7	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	5.2	83.2	87.1	89.0	89.7	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	5.2	83.2	87.1	89.0	89.7	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	5.2	85.8	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	5.2	86.5	90.3	92.3	92.9	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	5.2	87.7	92.3	94.2	94.8	94.8	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	5.2	87.7	92.3	94.8	95.5	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	5.2	87.7	92.3	94.8	95.5	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	5.2	88.4	94.2	96.1	96.8	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	5.2	88.4	94.2	96.1	96.8	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	5.2	89.0	94.8	96.8	97.4	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	5.2	89.0	94.8	97.4	98.1	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	5.2	89.0	94.8	97.4	98.1	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	5.2	89.0	94.8	97.4	98.1	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855 STATION

PENSACOLA, FLORIDA

73-77

STATION NAME

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	3.9	43.2	48.4	51.0	51.6	51.6	54.2	55.5	55.5	56.8	56.8
≥ 20000	3.9	51.6	58.7	61.9	62.6	62.6	65.2	66.5	66.5	67.7	67.7
≥ 18000	3.9	51.6	58.7	61.9	62.6	62.6	65.2	66.5	66.5	67.7	67.7
≥ 16000	3.9	51.6	58.7	61.9	62.6	62.6	65.2	66.5	66.5	67.7	67.7
≥ 14000	3.9	52.3	59.4	62.6	63.2	63.2	65.8	67.1	67.1	68.4	68.4
≥ 12000	3.9	54.2	61.3	64.5	65.2	65.2	67.7	69.0	69.0	70.3	70.3
≥ 10000	3.9	57.4	64.5	67.7	68.4	68.4	71.0	72.3	72.3	73.6	73.6
≥ 9000	3.9	57.4	64.5	67.7	68.4	68.4	71.0	72.3	72.3	73.6	73.6
≥ 8000	4.5	60.0	67.1	70.3	71.0	71.0	73.6	74.8	74.8	76.1	76.1
≥ 7000	4.5	60.7	67.7	71.0	71.6	71.6	74.2	75.5	75.5	76.8	76.8
≥ 6000	4.5	60.7	67.7	71.0	71.6	71.6	74.2	75.5	75.5	76.8	76.8
≥ 5000	4.5	61.9	69.0	72.3	72.9	72.9	75.5	76.8	76.8	78.1	78.1
≥ 4500	4.5	61.9	69.0	72.3	72.9	72.9	75.5	76.8	76.8	78.1	78.1
≥ 4000	4.5	62.6	69.7	72.9	73.6	73.6	76.1	77.4	77.4	78.7	78.7
≥ 3500	4.5	63.2	70.3	73.6	74.2	74.2	76.8	78.1	78.1	79.4	79.4
≥ 3000	4.5	63.2	70.3	73.6	74.2	74.2	76.8	78.1	78.1	79.4	79.4
≥ 2500	4.5	63.9	71.0	74.2	74.8	74.8	77.4	78.7	78.7	80.0	80.0
≥ 2000	4.5	65.2	72.3	75.5	76.1	76.1	78.7	80.0	80.0	81.3	81.3
≥ 1800	4.5	65.8	72.9	76.1	76.8	76.8	79.4	80.7	80.7	81.9	81.9
≥ 1500	4.5	69.7	76.8	80.0	80.7	80.7	83.2	84.5	84.5	85.8	85.8
≥ 1200	4.5	70.3	77.4	80.7	81.9	81.9	84.5	85.8	85.8	87.1	87.1
≥ 1000	5.2	71.6	78.7	81.9	83.2	83.2	85.8	87.1	87.1	88.4	88.4
≥ 900	5.2	72.9	80.0	83.2	84.5	84.5	87.1	88.4	88.4	89.7	89.7
≥ 800	5.2	74.2	81.3	84.5	85.8	85.8	88.4	89.7	89.7	91.0	91.0
≥ 700	5.2	74.8	81.9	85.8	87.1	87.1	90.3	91.6	91.6	92.9	92.9
≥ 600	5.2	75.5	82.6	86.5	88.4	88.4	91.0	92.3	92.3	93.6	93.6
≥ 500	5.2	76.8	83.9	88.4	91.0	91.0	93.6	94.8	94.8	96.1	96.1
≥ 400	5.2	76.8	83.9	88.4	91.6	91.6	94.8	96.1	96.1	98.1	98.1
≥ 300	5.2	77.4	84.5	89.0	92.3	92.3	95.5	96.8	96.8	98.7	98.7
≥ 200	5.2	77.4	84.5	89.0	92.3	92.3	95.5	96.8	96.8	98.7	98.7
≥ 100	5.2	77.4	84.5	89.0	92.3	92.3	95.5	96.8	96.8	98.7	98.7
0	5.2	77.4	84.5	89.0	92.3	92.3	95.5	96.8	96.8	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	7	19.4	27.1	35.5	43.9	45.2	45.8	47.7	47.7	50.3	50.3	50.3	50.3	50.3	50.3	51.0
≥ 20000	7	25.8	35.5	45.2	53.6	55.5	56.1	58.1	58.1	60.7	60.7	60.7	60.7	60.7	60.7	61.3
≥ 18000	7	25.8	35.5	45.2	53.6	55.5	56.1	58.1	58.1	60.7	60.7	60.7	60.7	60.7	60.7	61.3
≥ 16000	7	25.8	35.5	45.2	53.6	55.5	56.1	58.1	58.1	60.7	60.7	60.7	60.7	60.7	60.7	61.3
≥ 14000	7	26.5	36.8	46.5	54.8	56.8	58.1	60.0	60.7	63.2	63.2	63.2	63.2	63.2	63.2	63.9
≥ 12000	7	27.7	38.7	48.4	56.8	58.7	60.0	61.9	62.6	65.2	65.2	65.2	65.2	65.2	65.2	65.8
≥ 10000	7	30.3	41.3	51.0	59.4	61.3	62.6	64.5	65.2	67.7	67.7	67.7	67.7	67.7	67.7	68.4
≥ 9000	7	30.3	41.3	51.0	59.4	61.3	62.6	64.5	65.2	67.7	67.7	67.7	67.7	67.7	67.7	68.4
≥ 8000	7	33.6	45.2	54.8	63.2	65.2	66.5	68.4	69.0	71.6	71.6	71.6	71.6	71.6	71.6	72.3
≥ 7000	7	34.2	45.8	55.5	63.9	65.8	67.1	69.7	70.3	73.6	73.6	73.6	73.6	73.6	73.6	74.2
≥ 6000	7	34.2	45.8	55.5	63.9	65.8	67.1	69.7	70.3	73.6	73.6	73.6	73.6	73.6	73.6	74.2
≥ 5000	7	34.8	47.1	58.1	67.1	69.0	70.3	72.9	73.6	76.8	76.8	76.8	76.8	76.8	76.8	77.4
≥ 4500	7	35.3	47.7	58.7	67.7	69.7	71.0	74.2	74.8	78.1	78.1	78.1	78.1	78.1	78.1	78.7
≥ 4000	7	35.5	48.4	59.4	69.0	71.0	72.3	75.5	76.1	79.4	79.4	79.4	79.4	79.4	79.4	80.0
≥ 3500	7	35.5	48.4	59.4	69.0	71.0	72.3	75.5	76.1	79.4	79.4	79.4	79.4	79.4	79.4	80.0
≥ 3000	7	36.1	49.0	60.7	70.3	72.3	73.6	76.8	77.4	80.7	80.7	80.7	80.7	80.7	80.7	81.3
≥ 2500	7	37.4	50.3	62.6	72.3	74.2	75.5	78.7	79.4	83.2	83.2	83.2	83.2	83.2	83.2	83.9
≥ 2000	7	40.0	53.6	65.8	75.5	77.4	78.7	81.9	82.6	86.5	86.5	86.5	86.5	86.5	86.5	87.1
≥ 1800	7	40.0	53.6	65.8	75.5	77.4	78.7	81.9	82.6	86.5	86.5	86.5	86.5	86.5	86.5	87.1
≥ 1500	7	41.9	55.5	67.7	77.4	79.4	80.7	83.9	84.5	88.4	88.4	88.4	88.4	88.4	88.4	89.0
≥ 1200	7	41.9	55.5	67.7	77.4	79.4	80.7	83.9	84.5	88.4	88.4	88.4	88.4	88.4	88.4	89.0
≥ 1000	7	42.2	56.8	69.0	78.7	80.7	81.9	85.2	85.8	89.7	89.7	89.7	89.7	89.7	89.7	90.3
≥ 900	7	43.9	58.1	71.0	80.7	82.6	83.9	87.1	87.7	91.6	91.6	91.6	91.6	91.6	91.6	92.3
≥ 800	7	43.9	58.1	71.0	80.7	82.6	83.9	87.1	87.7	91.6	91.6	91.6	91.6	91.6	91.6	92.3
≥ 700	7	43.9	58.1	71.0	81.3	83.9	85.2	88.4	89.0	92.9	92.9	92.9	92.9	92.9	92.9	93.6
≥ 600	7	43.9	58.1	71.0	81.3	83.9	85.2	88.4	89.0	92.9	92.9	92.9	92.9	92.9	92.9	93.6
≥ 500	7	43.9	58.7	72.3	82.6	85.2	87.1	91.0	91.6	95.5	95.5	95.5	95.5	95.5	95.5	96.1
≥ 400	7	43.9	58.7	72.3	83.2	85.8	87.7	91.6	92.3	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 300	7	43.9	58.7	72.3	83.9	86.5	88.4	92.3	92.9	96.8	96.8	96.8	96.8	96.8	96.8	97.4
≥ 200	7	43.9	58.7	72.3	84.5	87.1	89.0	92.9	93.6	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 100	7	43.9	58.7	72.3	84.5	87.1	89.0	92.9	93.6	98.1	98.1	98.1	98.1	98.1	98.1	98.7
≥ 0	7	43.9	58.7	72.3	84.5	87.1	89.0	92.9	93.6	98.1	98.1	98.1	98.1	98.1	98.1	98.7

TOTAL NUMBER OF OBSERVATIONS

135

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

MAY
MONTH

09
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	1.9	45.2	47.7	50.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	2.6	52.3	54.8	58.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	2.6	52.3	54.8	58.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	2.6	52.3	54.8	58.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	2.6	52.9	55.5	58.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	2.6	54.2	56.8	60.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	2.6	55.5	58.1	61.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	2.6	55.5	58.1	61.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 8000	2.6	58.7	61.3	65.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 7000	2.6	59.4	61.9	65.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	2.6	59.4	62.6	66.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	2.6	60.0	63.2	67.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	2.6	60.0	63.2	67.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	2.6	60.7	63.9	67.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	2.6	60.7	63.9	67.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000	2.6	60.7	63.9	67.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 2500	3.2	63.9	67.7	71.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2000	3.2	66.5	70.3	74.2	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800	3.2	68.4	72.3	76.1	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	3.2	71.6	76.1	80.0	84.5	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	3.2	72.9	78.7	82.6	87.1	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	3.2	73.6	80.0	83.9	88.4	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	3.2	74.8	81.9	85.8	90.3	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	3.2	74.8	81.9	85.8	90.3	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	3.2	74.8	83.2	87.7	92.9	93.6	94.3	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	3.2	75.5	83.9	88.4	94.2	94.8	95.5	96.1	96.1	96.8	96.8	96.8	96.8
≥ 500	3.2	75.5	85.2	89.7	96.1	96.8	97.4	98.1	98.1	98.7	99.4	99.4	99.4
≥ 400	3.2	75.5	85.2	89.7	96.1	96.8	97.4	98.1	98.7	99.4	100.0	100.0	100.0
≥ 300	3.2	75.5	85.2	89.7	96.1	96.8	97.4	98.1	98.7	99.4	100.0	100.0	100.0
≥ 200	3.2	75.5	85.2	89.7	96.1	96.8	97.4	98.1	98.7	99.4	100.0	100.0	100.0
≥ 100	3.2	75.5	85.2	89.7	96.1	96.8	97.4	98.1	98.7	99.4	100.0	100.0	100.0
≥ 0	3.2	75.5	85.2	89.7	96.1	96.8	97.4	98.1	98.7	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

VELOC

MAY
MONTH

12
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	4.5	46.5	47.1	47.7	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	4.5	60.7	61.3	61.9	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
At 18000	4.5	60.7	61.3	61.9	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
At 16000	4.5	60.7	61.3	61.9	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
At 14000	4.5	61.3	61.9	62.6	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
At 12000	4.5	63.9	64.5	65.2	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
At 10000	4.5	65.2	65.8	66.5	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
At 9000	4.5	65.2	65.8	66.5	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
At 8000	4.5	67.7	68.4	69.0	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
At 7000	4.5	68.4	69.0	69.7	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
At 6000	4.5	69.0	69.7	70.3	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
At 5000	4.5	70.3	71.0	71.6	72.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
At 4500	4.5	70.3	71.0	71.6	72.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
At 4000	4.5	71.6	72.3	73.6	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
At 3500	4.5	71.6	72.3	73.6	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
At 3000	5.8	74.2	76.1	77.4	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
At 2500	6.5	77.4	81.9	83.2	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
At 2000	6.5	78.7	83.2	84.5	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
At 1800	6.5	78.7	83.2	84.5	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
At 1500	6.5	80.0	85.2	87.1	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
At 1200	6.5	81.9	87.1	89.0	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
At 1000	6.5	82.6	88.4	91.0	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
At 900	6.5	82.6	89.7	92.3	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
At 800	6.5	82.6	89.7	92.3	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
At 700	7.1	83.2	91.0	93.6	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
At 600	7.1	83.9	92.3	94.8	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 500	7.1	83.9	92.3	94.8	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 400	7.1	83.9	92.3	94.8	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 300	7.1	83.9	92.3	94.8	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 200	7.1	83.9	92.3	94.8	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 100	7.1	83.9	92.3	94.8	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 0	7.1	83.9	92.3	94.8	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ ⅒	≥ ⅛	≥ 0
NO CEILING	4.5	50.3	50.3	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	5.8	63.9	63.9	63.9	64.5	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
18000	5.8	63.9	63.9	63.9	64.5	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
16000	5.8	63.9	63.9	63.9	64.5	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
14000	5.8	65.2	66.5	66.5	67.1	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
12000	5.8	67.1	68.4	68.4	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
10000	5.8	68.4	70.3	71.0	71.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
9000	5.8	69.0	71.0	71.6	72.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
8000	5.8	71.0	73.6	74.2	74.8	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
7000	5.8	72.3	74.8	76.1	76.8	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
6000	5.8	72.3	74.8	76.1	76.8	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
5000	5.8	75.5	78.1	79.4	80.0	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
4500	5.8	76.1	78.7	80.0	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
4000	5.8	76.1	78.7	80.0	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
3500	5.8	76.1	78.7	80.0	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
3000	5.8	78.1	80.7	81.9	82.6	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
2500	5.8	81.9	84.5	86.5	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
2000	5.8	84.5	87.1	89.0	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1800	5.8	84.5	87.1	89.0	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1500	5.8	85.8	89.0	91.0	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
1200	5.8	86.5	89.7	91.6	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1000	6.5	87.1	90.3	92.3	94.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
900	6.5	87.7	91.6	93.6	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
800	6.5	87.7	91.6	93.6	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
700	6.5	88.4	92.9	94.8	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	6.5	88.4	92.9	94.8	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	6.5	88.4	92.9	94.8	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	6.5	88.4	92.9	94.8	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	6.5	88.4	92.9	94.8	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	6.5	88.4	92.9	94.8	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	6.5	88.4	92.9	94.8	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	6.5	88.4	92.9	94.8	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIPNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	4.5	45.5	49.0	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	5.2	60.7	64.5	64.5	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	5.2	60.7	64.5	64.5	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	5.2	60.7	64.5	64.5	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	5.2	62.6	66.5	66.5	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 12000	5.2	63.2	67.1	67.1	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000	5.2	68.4	72.9	72.9	74.2	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	5.2	68.4	72.9	72.9	74.2	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	5.2	72.3	76.8	76.8	78.1	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	5.2	72.3	76.8	77.4	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	5.2	72.3	76.8	77.4	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	5.2	73.6	78.1	79.4	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	5.2	74.8	79.4	80.7	81.9	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	5.2	76.8	81.3	82.6	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	5.2	76.8	81.3	82.6	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	5.2	78.1	82.6	84.5	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	5.2	79.4	84.5	86.5	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	5.2	80.0	85.2	87.7	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	5.2	80.7	85.3	88.4	89.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	5.2	82.6	88.4	91.0	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	5.8	83.2	89.7	92.3	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	5.8	83.9	90.3	92.9	94.8	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	5.8	83.9	90.3	92.9	94.8	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	5.8	83.9	90.3	92.9	94.8	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	5.8	84.5	91.0	93.6	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	5.8	85.2	91.6	94.2	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	5.8	85.8	92.3	94.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	5.8	85.8	92.3	94.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	5.8	85.8	92.3	94.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	5.8	85.8	92.3	94.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	5.8	85.8	92.3	94.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	5.8	85.8	92.3	94.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03055
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	5.8	54.8	55.5	55.5	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	7.1	69.0	71.6	72.3	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	7.1	69.0	71.6	72.3	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	7.1	69.0	71.6	72.3	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	7.1	69.0	71.6	72.3	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 12000	7.1	69.0	71.6	72.3	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6
10000	7.1	74.2	76.8	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	7.1	74.2	76.8	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
8000	7.1	78.1	80.7	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	7.1	78.1	80.7	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
6000	7.1	78.1	80.7	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000	7.1	78.1	80.7	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
4500	7.1	78.1	80.7	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
4000	7.1	78.1	80.7	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
3500	7.1	79.4	82.6	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	7.1	79.4	82.6	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
2500	7.1	79.4	82.6	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	7.1	79.4	82.6	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
1800	7.1	80.0	83.2	84.5	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	7.1	81.3	85.2	87.1	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
1200	7.1	83.2	88.4	90.3	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	7.1	84.5	89.7	91.6	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
900	7.1	85.2	91.0	92.9	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	7.1	85.2	91.0	92.9	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
700	7.1	87.7	93.6	95.5	97.4	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	7.1	88.4	94.2	96.1	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	7.1	88.4	94.2	96.1	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	7.1	88.4	94.2	96.1	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	7.1	88.4	94.2	96.1	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	7.1	88.4	94.2	96.1	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	7.1	88.4	94.2	96.1	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	7.1	88.4	94.2	96.1	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATIONPENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

MAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.8	46.0	48.6	50.6	52.4	52.7	53.2	53.6	53.6	54.2	54.2	54.2	54.2	54.2
≥ 20000	4.3	56.5	60.2	62.6	64.6	65.1	65.7	66.1	66.1	66.7	66.7	66.7	66.7	66.7
AI 18000	4.3	56.5	60.2	62.6	64.6	65.1	65.7	66.1	66.2	66.8	66.8	66.8	66.8	66.8
AI 16000	4.3	56.5	60.2	62.6	64.6	65.1	65.7	66.1	66.2	66.8	66.8	66.8	66.8	66.8
AI 14000	4.3	57.4	61.3	63.7	65.7	66.2	66.9	67.3	67.4	68.0	68.0	68.0	68.0	68.0
AI 12000	4.3	58.7	62.7	65.1	67.1	67.7	68.3	68.8	68.9	69.4	69.4	69.4	69.4	69.4
AI 10000	4.3	61.5	65.6	68.2	70.2	70.8	71.5	71.9	72.0	72.6	72.6	72.7	72.7	72.7
AI 9000	4.3	61.6	65.7	68.3	70.3	71.0	71.6	72.1	72.2	72.7	72.7	72.8	72.8	72.9
AI 8000	4.4	64.8	69.0	71.6	73.8	74.4	75.1	75.6	75.7	76.2	76.2	76.3	76.3	76.4
AI 7000	4.4	65.3	69.6	72.3	74.5	75.2	75.8	76.4	76.5	77.1	77.1	77.2	77.2	77.3
AI 6000	4.4	65.4	69.8	72.5	74.7	75.3	76.0	76.5	76.6	77.3	77.3	77.3	77.3	77.4
AI 5000	4.4	66.5	71.0	74.0	76.2	76.9	77.5	78.1	78.2	78.8	78.8	78.9	78.9	79.0
AI 4500	4.4	66.9	71.3	74.4	76.6	77.3	77.9	78.6	78.6	79.3	79.3	79.4	79.4	79.4
AI 4000	4.4	67.6	72.3	75.3	77.7	78.3	79.0	79.6	79.7	80.3	80.3	80.4	80.4	80.5
AI 3500	4.4	67.7	72.3	75.4	77.7	78.4	79.0	79.7	79.8	80.4	80.4	80.5	80.5	80.6
AI 3000	4.6	68.6	73.4	76.7	79.0	79.8	80.4	81.1	81.1	81.8	81.8	81.9	81.9	81.9
AI 2500	4.8	70.3	75.7	79.1	81.5	82.3	82.9	83.6	83.6	84.4	84.4	84.4	84.4	84.5
AI 2000	4.8	71.9	77.4	81.0	83.4	84.1	84.8	85.5	85.6	86.3	86.3	86.4	86.4	86.5
AI 1800	4.8	72.4	77.9	81.5	83.9	84.6	85.2	86.0	86.1	86.8	86.8	86.9	86.9	86.9
AI 1500	4.8	74.5	80.4	84.1	86.6	87.4	88.1	88.9	89.0	89.7	89.7	89.8	89.8	89.8
AI 1200	4.8	75.4	81.7	85.4	88.2	89.0	89.7	90.5	90.6	91.3	91.3	91.4	91.4	91.5
AI 1000	5.0	76.5	83.0	86.8	89.6	90.4	91.1	91.9	91.9	92.7	92.7	92.7	92.7	92.8
AI 900	5.0	77.2	84.0	87.9	90.9	91.7	92.4	93.2	93.3	94.0	94.0	94.1	94.1	94.2
AI 800	5.0	77.5	84.5	88.5	91.5	92.3	93.1	93.9	94.0	94.7	94.7	94.8	94.8	94.8
AI 700	5.1	78.2	85.6	89.7	92.9	93.9	94.7	95.5	95.6	96.3	96.3	96.4	96.4	96.5
AI 600	5.1	78.6	86.3	90.2	93.5	94.4	95.2	96.1	96.1	96.9	96.9	97.0	97.0	97.1
AI 500	5.1	78.9	86.7	90.9	94.6	95.7	96.5	97.4	97.5	98.3	98.4	98.5	98.5	98.6
AI 400	5.1	78.9	86.7	91.0	94.8	96.0	96.9	97.8	97.9	98.8	98.9	99.0	99.0	99.0
AI 300	5.1	79.0	86.9	91.1	95.1	96.3	97.3	98.2	98.2	99.2	99.3	99.4	99.4	99.5
AI 200	5.1	79.0	86.9	91.2	95.2	96.5	97.4	98.3	98.4	99.4	99.4	99.6	99.6	99.8
AI 100	5.1	79.0	86.9	91.2	95.2	96.5	97.4	98.3	98.4	99.4	99.5	99.8	99.8	99.9
AI 0	5.1	79.0	86.9	91.2	95.2	96.5	97.4	98.3	98.4	99.4	99.5	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855 STATION

PENSACOLA, FLORIDA

73-77

STATION NAME

YEARS

JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	3.3	70.7	72.7	73.3	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7
≥ 20000	3.3	82.7	84.7	85.3	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7
≥ 18000	3.3	82.7	84.7	85.3	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7
≥ 16000	3.3	82.7	84.7	85.3	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7
≥ 14000	3.3	82.7	84.7	85.3	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7
≥ 12000	3.3	83.3	85.3	86.0	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3
10000	4.7	85.0	88.0	88.7	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0
9000	4.7	86.0	88.0	88.7	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0
8000	4.7	86.7	88.7	89.3	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7
7000	5.3	88.0	90.0	90.7	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0
6000	5.3	88.0	90.0	90.7	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0
5000	5.3	88.7	90.7	91.3	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7
4500	6.0	89.3	91.3	92.0	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3
4000	6.0	90.0	92.0	92.7	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0
3500	6.0	90.0	92.0	92.7	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0
3000	6.0	90.0	92.0	92.7	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0
2500	6.0	90.7	92.7	93.3	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7
2000	6.0	92.0	94.0	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0
1800	6.7	92.7	94.7	95.3	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7
1500	6.7	94.7	96.7	97.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
1200	6.7	94.7	96.7	97.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
1000	6.7	94.7	96.7	97.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
900	6.7	94.7	96.7	97.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
800	6.7	94.7	96.7	97.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
700	6.7	94.7	96.7	97.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
600	6.7	94.7	96.7	97.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
500	7.3	95.3	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
400	7.3	95.3	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
300	7.3	95.3	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
200	7.3	95.3	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
100	7.3	95.3	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
0	7.3	95.3	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JUN
MONTH

03
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	2.7	62.0	66.0	68.7	70.0	70.0	70.0	70.0	71.3	71.3	71.3	71.3	71.3
≥ 20000	4.7	72.0	76.0	79.3	80.7	80.7	80.7	80.7	80.7	82.0	82.0	82.0	82.0
≥ 18000	4.7	72.0	76.0	79.3	80.7	80.7	80.7	80.7	80.7	82.0	82.0	82.0	82.0
≥ 16000	4.7	72.0	76.0	79.3	80.7	80.7	80.7	80.7	80.7	82.0	82.0	82.0	82.0
≥ 14000	4.7	73.3	77.3	80.7	82.0	82.0	82.0	82.0	83.3	83.3	83.3	83.3	83.3
≥ 12000	4.7	74.7	78.7	82.0	83.3	83.3	83.3	83.3	84.7	84.7	84.7	84.7	84.7
≥ 10000	4.7	78.0	82.7	86.0	87.3	87.3	87.3	87.3	88.7	88.7	88.7	88.7	88.7
≥ 9000	4.7	78.0	82.7	86.0	87.3	87.3	87.3	87.3	88.7	88.7	88.7	88.7	88.7
≥ 8000	4.7	78.0	82.7	86.0	87.3	87.3	87.3	87.3	88.7	88.7	88.7	88.7	88.7
≥ 7000	4.7	78.0	83.3	86.7	88.0	88.0	88.0	88.0	89.3	89.3	89.3	89.3	89.3
≥ 6000	4.7	78.7	84.0	87.3	88.7	88.7	88.7	88.7	90.0	90.0	90.0	90.0	90.0
≥ 5000	4.7	78.7	84.0	87.3	88.7	88.7	88.7	88.7	90.0	90.0	90.0	90.0	90.0
≥ 4500	4.7	78.7	84.0	87.3	88.7	88.7	88.7	88.7	90.0	90.0	90.0	90.0	90.0
≥ 4000	4.7	78.7	84.0	87.3	88.7	88.7	88.7	88.7	90.0	90.0	90.0	90.0	90.0
≥ 3500	4.7	78.7	84.0	87.3	88.7	88.7	88.7	88.7	90.0	90.0	90.0	90.0	90.0
≥ 3000	4.7	78.7	84.0	87.3	88.7	88.7	88.7	88.7	90.0	90.0	90.0	90.0	90.0
≥ 2500	4.7	79.3	84.7	88.0	89.3	89.3	89.3	89.3	90.7	90.7	90.7	90.7	90.7
≥ 2000	4.7	80.0	86.7	90.0	91.3	91.3	91.3	91.3	92.7	92.7	92.7	92.7	92.7
≥ 1800	4.7	80.7	87.3	90.7	92.0	92.0	92.0	92.0	93.3	93.3	93.3	93.3	93.3
≥ 1500	4.7	83.3	90.0	93.3	94.7	94.7	94.7	94.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	4.7	84.0	90.7	94.0	96.0	96.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	4.7	85.3	92.0	95.3	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0
≥ 900	4.7	85.3	92.0	95.3	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0
≥ 800	4.7	85.3	92.0	95.3	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0
≥ 700	4.7	85.3	92.0	95.3	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0
≥ 600	4.7	85.3	92.0	95.3	97.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0
≥ 500	5.3	86.0	92.7	96.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7
≥ 400	5.3	86.0	92.7	96.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7
≥ 300	5.3	86.0	92.7	96.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7
≥ 200	5.3	86.0	92.7	96.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7
≥ 100	5.3	86.0	92.7	96.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7
0	5.3	86.0	92.7	96.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

12

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

06
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		36.0	47.3	54.7	58.0	60.0	62.0	63.3	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000		45.3	56.7	64.7	68.7	70.7	72.7	74.0	74.0	74.7	74.7	74.7	74.7	74.7
≥ 18000		45.3	56.7	64.7	68.7	70.7	72.7	74.0	74.0	74.7	74.7	74.7	74.7	74.7
≥ 16000		45.3	56.7	64.7	68.7	70.7	72.7	74.0	74.0	74.7	74.7	74.7	74.7	74.7
≥ 14000		46.0	57.3	65.3	69.3	71.3	73.3	75.3	76.7	77.3	77.3	77.3	77.3	77.3
≥ 12000		46.7	58.7	67.3	71.3	73.3	75.3	77.3	78.7	79.3	79.3	79.3	79.3	79.3
≥ 10000		52.7	64.7	73.3	77.3	79.3	81.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000		53.3	65.3	74.0	78.0	80.0	82.0	83.3	84.0	84.0	84.0	84.0	84.0	84.0
8000	AI	57.3	69.3	78.0	82.0	84.0	86.0	87.3	88.0	88.0	88.0	88.0	88.0	88.0
7000	AI	57.3	69.3	78.7	82.7	84.7	86.7	88.0	88.7	88.7	88.7	88.7	88.7	88.7
6000	AI	57.3	69.3	78.7	82.7	84.7	86.7	88.0	88.7	88.7	88.7	88.7	88.7	88.7
5000	AI	57.3	69.3	78.7	82.7	84.7	86.7	88.0	88.7	88.7	88.7	88.7	88.7	88.7
4500	AI	57.3	69.3	78.7	82.7	84.7	86.7	88.0	88.7	88.7	88.7	88.7	88.7	88.7
4000	AI	58.0	70.0	79.3	83.3	85.3	87.3	88.7	89.3	89.3	89.3	89.3	89.3	89.3
3500	AI	58.0	70.0	79.3	83.3	85.3	87.3	88.7	89.3	89.3	89.3	89.3	89.3	89.3
3000	AI	59.3	71.3	80.7	84.7	86.7	88.7	90.0	90.7	90.7	90.7	90.7	90.7	90.7
2500	AI	60.0	72.0	81.3	85.3	87.3	89.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3
2000	AI	60.0	72.0	82.0	86.7	88.7	90.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3
1800	AI	60.7	72.7	82.7	87.3	89.3	91.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0
1500	AI	64.0	76.7	87.3	92.0	94.0	96.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
1200	AI	64.0	76.7	87.3	92.0	94.0	96.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
1000	AI	64.0	76.7	87.3	92.0	94.0	96.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7
900	AI	64.7	77.3	88.0	92.7	94.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
800	AI	64.7	77.3	88.0	92.7	94.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
700	AI	64.7	77.3	88.0	92.7	94.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
600	AI	65.3	78.0	88.7	93.3	95.3	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
500	AI	65.3	78.0	88.7	93.3	95.3	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
400	AI	65.3	78.0	88.7	93.3	95.3	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
300	AI	65.3	78.0	88.7	93.3	95.3	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
200	AI	65.3	78.0	88.7	93.3	95.3	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
100	AI	65.3	78.0	88.7	93.3	95.3	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
0	AI	65.3	78.0	88.7	93.3	95.3	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEAR

JUN
MONTH
09
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	2.0	52.0	55.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	2.0	60.7	64.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
18000	2.0	60.7	64.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
16000	2.0	60.7	64.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
14000	2.0	61.3	64.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
12000	2.0	64.0	67.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
10000	2.0	68.0	71.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
9000	2.0	68.0	71.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
8000	2.0	70.0	74.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
7000	2.0	70.0	74.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
6000	2.0	70.7	75.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
5000	2.0	70.7	75.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
4500	2.0	70.7	75.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
4000	2.0	72.0	76.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
3500	2.0	72.0	76.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
3000	2.0	74.7	80.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
2500	2.0	76.0	81.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
2000	2.7	80.7	86.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
1800	2.7	80.7	86.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
1500	2.7	86.0	92.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1200	2.7	87.3	94.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000	2.7	87.3	94.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
900	2.7	88.0	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	2.7	88.0	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	2.7	88.0	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	2.7	88.0	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	2.7	88.0	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	2.7	88.0	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	2.7	88.0	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	2.7	88.0	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	2.7	88.0	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	2.7	88.0	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03355
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEAR

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2 1/4	≥ 2 1/8	≥ 2 1/16	≥ 1 1/2	≥ 1 1/4	≥ 1 1/8	≥ 1 1/16	≥ 0
NO CEILING	2.7	56.0	58.0	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000	2.7	66.7	68.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
18000	2.7	66.7	68.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
16000	2.7	66.7	68.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
14000	2.7	68.0	70.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
12000	2.7	70.0	72.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
10000	2.7	76.0	78.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
9000	2.7	76.0	78.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
8000	2.7	77.3	79.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
7000	2.7	78.0	80.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
6000	2.7	78.0	80.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
5000	2.7	78.0	80.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
4500	2.7	78.0	80.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
4000	2.7	78.0	80.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
3500	2.7	79.3	81.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
3000	2.7	82.0	84.0	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
2500	2.7	84.7	86.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
2000	2.7	86.0	88.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1800	2.7	86.7	88.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1500	3.3	90.0	92.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1200	3.3	90.7	93.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1000	3.3	90.7	93.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900	3.3	91.3	94.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	3.3	91.3	94.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700	3.3	91.3	94.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600	3.3	91.3	94.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
500	3.3	91.3	94.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	3.3	91.3	94.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300	3.3	91.3	94.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200	3.3	91.3	94.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100	3.3	91.3	94.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	3.3	91.3	94.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03955
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	2.7	57.3	58.7	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	4.0	80.7	82.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 18000	4.0	80.7	82.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 16000	4.0	80.7	82.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 14000	4.0	80.7	82.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 12000	4.0	83.3	85.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 10000	4.0	86.7	89.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 9000	4.0	86.7	89.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 8000	4.0	87.3	90.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 7000	4.0	88.7	91.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 6000	4.0	88.7	91.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 5000	4.0	89.3	92.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4500	4.0	89.3	92.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000	4.0	90.0	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	4.0	90.7	93.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	4.0	92.0	94.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	4.0	93.3	96.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	4.0	93.3	96.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	4.0	93.3	96.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	4.7	94.7	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	4.7	94.7	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	4.7	94.7	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	4.7	94.7	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	4.7	94.7	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	4.7	94.7	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	4.7	94.7	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	4.7	94.7	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	4.7	94.7	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	4.7	94.7	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	4.7	94.7	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	4.7	94.7	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	4.7	94.7	97.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	5.3	54.0	54.7	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	5.3	79.3	80.7	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 18000	5.3	79.3	80.7	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 16000	5.3	79.3	80.7	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000	5.3	79.3	80.7	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000	5.3	82.0	83.3	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 10000	5.3	88.0	89.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	5.3	88.0	89.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	5.3	88.0	89.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000	5.3	88.0	89.3	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 6000	5.3	88.0	90.0	91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	5.3	88.7	90.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	5.3	88.7	90.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	5.3	88.7	90.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	5.3	88.7	90.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	5.3	90.7	92.7	94.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	5.3	92.0	94.0	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	6.0	93.3	95.3	96.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	6.0	93.3	95.3	96.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	6.0	94.0	96.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	6.0	94.0	96.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	6.0	94.0	96.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	6.0	94.0	96.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	6.0	94.0	96.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	6.0	94.0	96.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	6.0	94.0	96.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	6.0	94.0	96.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	6.0	94.0	96.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	6.0	94.0	96.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	6.0	94.0	96.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	6.0	94.0	96.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	6.0	94.0	96.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	4.7	50.0	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000	4.7	80.7	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
18000	4.7	80.7	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
16000	4.7	80.7	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
14000	4.7	80.7	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
12000	4.7	81.3	83.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
10000	6.0	85.3	87.3	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
9000	6.0	85.3	87.3	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
8000	6.0	87.3	89.3	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
7000	6.0	88.0	90.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
6000	6.0	88.0	90.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
5000	6.0	90.0	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
4500	6.0	90.0	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
4000	6.0	90.0	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
3500	6.0	90.0	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
3000	6.0	90.0	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
2500	6.0	90.7	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
2000	6.0	92.7	94.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
1800	6.0	93.3	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
1500	6.7	94.7	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1200	6.7	94.7	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1000	6.7	94.7	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
900	6.7	94.7	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
800	6.7	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700	6.7	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600	6.7	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500	6.7	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400	6.7	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300	6.7	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200	6.7	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100	6.7	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	6.7	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JUN
MONTH
ALL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	2.9	56.0	59.3	62.0	62.9	63.2	63.5	63.7	63.7	63.9	63.9	63.9	63.9
≥ 20000	3.3	71.0	74.5	77.6	78.7	78.9	79.3	79.4	79.4	79.7	79.7	79.7	79.7
≥ 18000	3.3	71.0	74.5	77.6	78.7	78.9	79.3	79.4	79.4	79.7	79.7	79.7	79.7
≥ 16000	3.3	71.0	74.5	77.6	78.7	78.9	79.3	79.4	79.4	79.7	79.7	79.7	79.7
≥ 14000	3.3	71.5	75.0	78.1	79.2	79.4	79.8	79.9	80.2	80.2	80.2	80.2	80.2
≥ 12000	3.3	73.2	76.8	79.9	81.0	81.3	81.6	81.8	82.0	82.0	82.0	82.0	82.0
≥ 10000	3.7	77.6	81.3	84.5	85.6	85.8	86.2	86.3	86.3	86.6	86.6	86.6	86.6
≥ 9000	3.7	77.7	81.4	84.6	85.7	85.9	86.3	86.4	86.4	86.7	86.7	86.7	86.7
≥ 8000	3.7	79.0	82.9	86.2	87.3	87.5	87.8	88.0	88.3	88.3	88.3	88.3	88.3
≥ 7000	3.8	79.5	83.5	86.8	87.9	88.3	88.6	88.8	89.0	89.0	89.0	89.0	89.0
≥ 6000	3.8	79.7	83.8	87.1	88.2	88.5	88.8	89.0	89.3	89.3	89.3	89.3	89.3
≥ 5000	3.8	80.2	84.3	87.6	88.7	89.0	89.3	89.5	89.8	89.8	89.8	89.8	89.8
≥ 4500	3.8	80.3	84.3	87.7	88.8	89.1	89.4	89.6	89.8	89.8	89.8	89.8	89.8
≥ 4000	3.8	80.7	84.8	88.1	89.2	89.5	89.8	90.0	90.3	90.3	90.3	90.3	90.3
≥ 3500	3.8	80.9	85.0	88.3	89.4	89.8	90.1	90.3	90.5	90.5	90.5	90.5	90.5
≥ 3000	3.8	82.2	86.3	89.8	90.8	91.2	91.5	91.7	91.9	91.9	91.9	91.9	91.9
≥ 2500	3.8	83.3	87.5	90.9	92.0	92.3	92.7	92.8	93.1	93.1	93.1	93.1	93.1
≥ 2000	4.0	84.8	89.2	92.7	93.9	94.3	94.6	94.8	95.1	95.1	95.1	95.1	95.1
≥ 1800	4.1	85.2	89.6	93.1	94.3	94.7	95.0	95.3	95.5	95.5	95.5	95.5	95.5
≥ 1500	4.3	87.7	92.3	95.9	97.2	97.5	98.0	98.3	98.5	98.5	98.5	98.5	98.5
≥ 1200	4.3	88.0	92.7	96.3	97.6	97.9	98.4	98.7	98.9	98.9	98.9	98.9	98.9
≥ 1000	4.3	88.2	92.8	96.4	97.8	98.1	98.6	98.8	99.1	99.1	99.1	99.1	99.1
≥ 900	4.3	88.4	93.1	96.7	98.0	98.3	98.8	99.1	99.2	99.2	99.2	99.2	99.2
≥ 800	4.3	88.5	93.2	96.8	98.1	98.4	98.9	99.2	99.4	99.4	99.4	99.4	99.4
≥ 700	4.3	88.5	93.2	96.8	98.1	98.4	98.9	99.2	99.4	99.4	99.4	99.4	99.4
≥ 600	4.3	88.6	93.3	96.8	98.2	98.5	99.0	99.3	99.5	99.5	99.5	99.5	99.5
≥ 500	4.5	88.8	93.4	97.0	98.3	98.7	99.2	99.4	99.4	99.7	99.7	99.7	99.7
≥ 400	4.5	88.8	93.4	97.0	98.3	98.7	99.2	99.4	99.4	99.8	99.8	99.8	99.8
≥ 300	4.5	88.8	93.4	97.0	98.3	98.7	99.2	99.5	99.5	100.0	100.0	100.0	100.0
≥ 200	4.5	88.8	93.4	97.0	98.3	98.7	99.3	99.5	99.5	100.0	100.0	100.0	100.0
≥ 100	4.5	88.8	93.4	97.0	98.3	98.7	99.3	99.5	99.5	100.0	100.0	100.0	100.0
0	4.5	88.8	93.4	97.0	98.3	98.7	99.3	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1200

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION NAME
PENSACOLA, FLORIDA
STATION
03855
YEARS
73-77
MONTH
JUL
HOURS (LST)
00
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16	≥ 0
NO CEILING	7.7	59.4	61.3	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000	8.4	76.8	79.4	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
AI AI	8.4	76.8	79.4	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 18000	8.4	76.8	79.4	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
AI AI	8.4	76.8	79.4	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 16000	6.4	76.8	79.4	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
AI AI	6.4	76.8	79.4	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 14000	9.0	79.4	81.9	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
AI AI	9.0	79.4	81.9	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 12000	9.7	83.9	86.5	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
AI AI	9.7	83.9	86.5	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 10000	9.7	85.2	87.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI AI	9.7	85.2	87.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	9.7	85.2	87.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI AI	9.7	85.2	87.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	9.7	85.2	87.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI AI	9.7	85.2	87.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	9.7	85.2	87.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI AI	9.7	85.2	87.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000	9.7	85.2	87.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI AI	9.7	85.2	87.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500	9.7	85.2	87.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI AI	9.7	85.2	87.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4000	9.7	85.2	87.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI AI	9.7	85.2	87.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	10.3	85.8	88.4	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
AI AI	10.3	85.8	88.4	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000	10.3	85.8	88.4	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
AI AI	10.3	85.8	88.4	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	11.0	87.7	91.0	92.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
AI AI	11.0	87.7	91.0	92.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	11.0	87.7	91.0	92.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
AI AI	11.0	87.7	91.0	92.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	11.6	89.7	92.9	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
AI AI	11.6	89.7	92.9	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	11.6	89.7	92.9	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
AI AI	11.6	89.7	92.9	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI AI	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI AI	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI AI	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI AI	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI AI	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI AI	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI AI	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI AI	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI AI	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI AI	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI AI	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI AI	12.3	92.3	95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

125

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.3
HOURS (L.S.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ ⅛	≥ 0
NO CEILING	5.8	57.4	61.9	66.5	69.0	69.0	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.6
≥ 20000	7.7	69.7	75.5	80.7	83.2	83.2	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.8
≥ 18000	7.7	69.7	75.5	80.7	83.2	83.2	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.8
≥ 16000	7.7	69.7	75.5	80.7	83.2	83.2	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.8
≥ 14000	7.7	70.3	76.1	81.3	83.9	83.9	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	86.5
≥ 12000	7.7	71.0	76.8	82.6	85.2	85.2	86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.7
≥ 10000	9.0	74.8	80.7	86.5	89.0	89.0	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.6
≥ 9000	9.0	74.8	80.7	86.5	89.0	89.0	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.6
≥ 8000	9.0	76.1	81.9	87.7	90.3	90.3	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.9
≥ 7000	9.0	76.1	81.9	87.7	90.3	90.3	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.9
≥ 6000	9.0	76.1	81.9	87.7	90.3	90.3	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.9
≥ 5000	9.0	76.1	81.9	87.7	90.3	90.3	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.9
≥ 4500	9.0	76.1	81.9	87.7	90.3	90.3	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.9
≥ 4000	9.0	76.1	81.9	87.7	90.3	90.3	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.9
≥ 3500	9.0	76.1	81.9	87.7	90.3	90.3	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.9
≥ 3000	9.0	76.1	83.9	89.7	92.3	92.3	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.8
≥ 2500	9.0	78.1	84.5	90.3	92.9	92.9	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	95.5
≥ 2000	9.0	78.1	85.2	91.0	93.6	93.6	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	96.1
≥ 1800	9.0	78.1	85.2	91.0	93.6	93.6	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	96.1
≥ 1500	9.7	80.7	87.1	92.9	95.5	95.5	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	98.1
≥ 1200	9.7	81.9	88.4	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	99.4
≥ 1000	9.7	81.9	88.4	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	99.4
≥ 900	9.7	81.9	88.4	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	99.4
≥ 800	9.7	81.9	88.4	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	99.4
≥ 700	9.7	81.9	88.4	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	99.4
≥ 600	9.7	81.9	88.4	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	99.4
≥ 500	9.7	81.9	88.4	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	99.4
≥ 400	9.7	81.9	88.4	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	99.4
≥ 300	9.7	81.9	88.4	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	99.4
≥ 200	9.7	81.9	88.4	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	99.4
≥ 100	9.7	81.9	88.4	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	99.4
0	9.7	81.9	88.4	94.2	96.8	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JUL
MONTH

06

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	1.3	31.0	37.4	43.2	51.0	54.8	56.8	56.8	56.8	56.8	56.8	56.8	57.4
≥ 20000	1.3	37.4	45.8	51.6	61.3	65.2	67.7	68.4	68.4	68.4	68.4	68.4	69.0
18000	1.3	38.1	46.5	52.3	61.9	65.8	68.4	69.0	69.0	69.0	69.0	69.0	69.7
≥ 16000	1.3	38.7	47.1	52.9	62.6	66.5	69.0	69.7	69.7	69.7	69.7	69.7	70.3
14000	1.3	39.4	48.4	54.2	63.9	67.7	70.3	71.0	71.0	71.0	71.0	71.0	71.6
≥ 12000	1.9	42.6	52.3	60.0	70.3	74.2	77.4	78.1	78.1	78.1	78.1	78.1	78.7
10000	2.6	47.7	57.4	65.8	77.4	81.3	85.2	85.8	85.8	85.8	85.8	85.8	86.5
≥ 9000	2.6	47.7	57.4	65.8	77.4	81.3	85.2	85.8	85.8	85.8	85.8	85.8	86.5
8000	2.6	48.4	58.1	66.5	78.1	81.9	85.8	86.5	86.5	86.5	86.5	86.5	87.1
≥ 7000	2.6	49.7	59.4	67.7	79.4	83.2	87.1	87.7	87.7	87.7	87.7	87.7	88.4
6000	2.6	49.7	59.4	67.7	79.4	83.2	87.1	87.7	87.7	87.7	87.7	87.7	88.4
≥ 5000	2.6	49.7	59.4	67.7	79.4	83.2	87.1	87.7	87.7	87.7	87.7	87.7	88.4
4500	2.6	50.3	60.0	68.4	80.0	83.9	87.7	88.4	88.4	88.4	88.4	88.4	89.0
4000	2.6	51.0	60.7	69.0	80.7	84.5	88.4	89.0	89.0	89.0	89.0	89.0	89.7
3500	2.6	51.6	61.3	69.7	81.9	85.8	89.7	90.3	90.3	90.3	90.3	90.3	91.0
3000	2.6	52.9	62.6	71.0	83.2	87.1	91.0	91.6	91.6	91.6	91.6	91.6	92.3
2500	2.6	54.8	64.5	72.9	85.8	89.7	93.6	94.2	94.2	94.2	94.2	94.2	94.8
2000	2.6	54.8	64.5	72.9	85.8	89.7	93.6	94.2	94.2	94.2	94.2	94.2	94.8
1800	2.6	54.8	64.5	72.9	85.8	89.7	93.6	94.2	94.2	94.2	94.2	94.2	94.8
1500	2.6	54.8	64.5	72.9	85.8	89.7	93.6	94.2	94.2	94.2	94.2	94.2	94.8
1200	2.6	55.5	65.2	73.6	87.1	91.0	94.8	95.5	95.5	95.5	95.5	95.5	96.1
1000	2.6	55.5	65.2	73.6	87.1	91.0	94.8	95.5	95.5	95.5	95.5	95.5	96.1
900	2.6	56.1	65.8	74.2	87.7	91.6	95.5	96.1	96.1	96.1	96.1	96.1	96.8
800	2.6	56.1	65.8	74.2	87.7	91.6	95.5	96.1	96.1	96.1	96.1	96.1	96.8
700	2.6	56.1	65.8	74.2	87.7	91.6	95.5	96.1	96.1	96.1	96.1	96.1	96.8
600	2.6	56.1	65.8	74.2	87.7	91.6	95.5	96.1	96.1	96.1	96.1	96.1	96.8
500	2.6	56.1	65.8	74.2	87.7	91.6	95.5	96.1	96.1	96.1	96.1	96.1	96.8
400	2.6	56.1	65.8	74.2	87.7	91.6	95.5	96.1	96.1	96.1	96.1	96.1	96.8
300	2.6	56.1	65.8	74.2	87.7	91.6	95.5	96.1	96.1	96.1	96.1	96.1	96.8
200	2.6	56.1	65.8	74.2	87.7	91.6	95.5	96.1	96.1	96.1	96.1	96.1	96.8
100	2.6	56.1	65.8	74.2	87.7	91.6	95.5	96.1	96.1	96.1	96.1	96.1	96.8
0	2.6	56.1	65.8	74.2	87.7	91.6	95.5	96.1	96.1	96.1	96.1	96.1	96.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION

PENSACOLA, FLORIDA

73-77

STATION NAME

YEARS

JUL

MOUTH

09

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	7	47.1	53.6	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	7	56.8	63.2	68.4	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
18000	7	56.8	63.2	68.4	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
16000	7	57.4	63.9	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7
14000	7	57.4	63.9	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7
12000	1.3	61.3	67.7	72.9	73.6	73.6	74.5	74.5	74.5	74.5	74.5	74.5	74.5
10000	1.9	63.2	69.7	74.8	75.5	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8
8000	1.9	63.2	69.7	74.8	75.5	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8
6000	2.6	64.5	71.0	76.1	77.4	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7
4000	2.6	64.5	71.0	76.1	77.4	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7
3000	2.6	65.8	72.3	77.4	78.7	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0
2500	2.6	66.5	73.6	78.7	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
2000	2.6	66.5	74.2	79.4	81.3	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6
1800	2.6	66.5	74.2	79.4	81.3	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6
1600	2.6	67.1	74.8	80.0	81.9	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
1400	3.2	70.3	78.1	83.2	85.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
1200	3.2	74.2	81.9	87.1	89.0	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1000	3.2	74.8	82.6	87.7	89.7	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3
900	3.2	75.5	83.9	89.0	91.6	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
800	3.2	76.1	84.5	89.7	92.3	92.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8
700	3.2	76.1	85.2	90.3	92.9	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5
600	3.2	76.1	85.2	90.3	92.9	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5
500	3.2	76.1	85.8	91.0	93.6	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1
400	3.2	76.1	85.8	91.0	93.6	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1
300	3.2	76.1	85.8	91.0	94.2	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
200	3.2	76.1	85.8	91.0	94.2	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
100	3.2	76.1	85.8	91.0	94.2	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0	3.2	76.1	85.8	91.0	94.2	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

2

03855 STATION

PENSACOLA, FLORIDA

73-77

STATION NAME

YEAR

JUL

MONTH

12

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	1.9	38.7	41.3	43.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	1.9	53.6	56.8	60.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
18000	1.9	53.6	56.8	60.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
16000	1.9	53.6	56.8	60.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
14000	1.9	53.6	56.8	60.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
12000	1.9	57.4	60.7	63.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1
10000	3.2	64.5	68.4	71.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
9000	3.2	64.5	68.4	71.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
8000	3.2	66.5	70.3	73.6	76.8	77.4	77.4	77.4	77.4	77.4	77.4
7000	3.2	66.5	70.3	73.6	76.8	77.4	77.4	77.4	77.4	77.4	77.4
6000	3.2	66.5	70.3	73.6	76.8	77.4	77.4	77.4	77.4	77.4	77.4
5000	3.2	67.1	71.0	74.2	77.4	78.1	78.1	78.1	78.1	78.1	78.1
4500	3.2	67.1	71.0	74.2	77.4	78.1	78.1	78.1	78.1	78.1	78.1
4000	3.2	68.4	72.3	75.5	78.7	79.4	79.4	79.4	79.4	79.4	79.4
3500	3.2	69.7	73.6	76.8	80.0	80.7	80.7	80.7	80.7	80.7	80.7
3000	3.2	74.2	78.7	81.9	85.8	86.5	86.5	86.5	86.5	86.5	86.5
2500	3.9	78.7	84.5	88.4	93.6	94.2	94.2	94.2	94.2	94.2	94.2
2000	3.9	80.7	86.5	90.3	95.5	96.1	96.1	96.1	96.1	96.1	96.1
1800	3.9	80.7	86.5	90.3	95.5	96.1	96.1	96.1	96.1	96.1	96.1
1500	3.9	81.9	87.7	91.6	96.8	97.4	97.4	97.4	97.4	97.4	97.4
1200	3.9	82.6	88.4	92.3	98.1	98.7	98.7	98.7	98.7	98.7	98.7
1000	3.9	82.6	89.0	92.9	98.7	99.4	99.4	99.4	99.4	99.4	99.4
900	3.9	82.6	89.0	92.9	98.7	99.4	99.4	99.4	99.4	99.4	99.4
800	3.9	82.6	89.0	92.9	98.7	99.4	99.4	99.4	99.4	99.4	99.4
700	3.9	82.6	89.0	92.9	98.7	99.4	99.4	99.4	99.4	99.4	99.4
600	3.9	82.6	89.0	92.9	98.7	99.4	99.4	99.4	99.4	99.4	99.4
500	3.9	82.6	89.0	92.9	98.7	99.4	99.4	99.4	99.4	99.4	99.4
400	3.9	82.6	89.0	92.9	98.7	99.4	99.4	99.4	99.4	99.4	99.4
300	3.9	82.6	89.0	92.9	98.7	99.4	99.4	99.4	99.4	99.4	99.4
200	3.9	82.6	89.0	92.9	98.7	99.4	99.4	99.4	99.4	99.4	99.4
100	3.9	82.6	89.0	92.9	98.7	99.4	99.4	99.4	99.4	99.4	99.4
0	3.9	82.6	89.0	92.9	98.7	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

125

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA

73-77

STATION NAME

YEARS

JUL
MONTH

15

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	3.2	40.7	44.5	47.1	47.1	47.1	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	4.5	61.9	67.1	69.7	69.7	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
18000	4.5	62.6	67.7	70.3	70.3	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
16000	4.5	62.6	67.7	70.3	70.3	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
14000	4.5	62.6	67.7	70.3	70.3	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
12000	5.2	63.9	69.7	72.3	72.3	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
10000	5.8	71.0	78.7	81.3	81.3	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
9000	5.8	71.0	78.7	81.9	81.9	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
8000	5.8	72.3	80.7	83.9	85.2	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
7000	5.8	72.3	80.7	83.9	85.2	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
6000	5.8	72.3	80.7	83.9	85.2	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
5000	5.8	72.3	80.7	83.9	85.2	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
4500	5.8	72.3	80.7	83.9	85.2	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
4000	5.8	72.3	80.7	83.9	85.2	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
3500	5.8	73.6	81.9	85.2	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
3000	5.8	76.1	85.2	88.4	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
2500	5.8	77.4	87.7	91.0	92.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
2000	5.8	78.1	89.0	92.3	94.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1800	5.8	78.7	89.7	93.9	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1500	5.8	80.0	91.0	94.2	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1200	5.8	80.7	91.6	94.8	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1000	5.8	80.7	91.6	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	5.8	80.7	91.6	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	5.8	80.7	91.6	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	5.8	80.7	91.6	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	5.8	80.7	91.6	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	5.8	80.7	91.6	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	5.8	80.7	91.6	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	5.8	80.7	91.6	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	5.8	80.7	91.6	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	5.8	80.7	91.6	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	5.8	80.7	91.6	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCENMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855 STATION

PENSACOLA, FLORIDA

73-77

YEARS

JUL

MONTH

18

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.9	32.3	34.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 20000	7.7	62.6	66.5	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	7.7	62.6	66.5	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	7.7	62.6	66.5	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	7.7	62.6	66.5	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000	8.4	63.9	68.4	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	8.4	72.9	80.0	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	8.4	73.6	80.7	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	8.4	76.1	83.2	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 7000	8.4	76.1	83.2	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	8.4	76.1	83.2	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000	8.4	75.8	83.9	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	8.4	76.8	83.9	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	8.4	76.8	83.9	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	8.4	78.1	85.2	89.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	8.4	80.0	87.7	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	8.4	80.7	88.4	94.2	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	8.4	81.3	89.0	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	8.4	81.3	89.0	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	8.4	81.9	89.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	8.4	81.9	89.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	8.4	81.9	89.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	8.4	81.9	89.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	8.4	81.9	89.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	8.4	81.9	89.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	8.4	81.9	89.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	8.4	81.9	89.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	8.4	81.9	89.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	8.4	81.9	89.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	8.4	81.9	89.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	8.4	81.9	89.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	8.4	81.9	89.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNA VOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855	STATION
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STATION NAME
PENSACOLA, FLORIDA

73-77

YEARS

777
MON 7M

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		6.5	49.7	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000		9.0	74.2	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 18000		9.0	74.2	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 16000		9.0	74.2	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 14000		9.0	74.2	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000		9.0	77.4	81.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 10000		9.0	83.9	88.4	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000		9.0	83.9	88.4	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000		9.0	86.5	91.0	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 7000		9.0	86.5	91.0	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000		9.0	86.5	91.0	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000		9.0	86.5	91.0	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4500		9.0	87.1	91.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000		9.0	87.1	91.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500		9.0	87.1	91.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000		9.0	89.0	93.6	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500		9.0	89.0	93.6	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000		9.7	89.7	94.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800		9.7	89.7	94.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500		9.7	90.3	94.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200		9.7	90.3	94.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000		9.7	90.3	94.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		9.7	91.0	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		9.7	91.0	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		9.7	91.0	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		9.7	91.0	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		9.7	91.0	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		9.7	91.0	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		9.7	91.0	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200		9.7	91.0	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100		9.7	91.0	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0		9.7	91.0	95.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ 0
NO CEILING	5.9	44.5	48.4	51.5	53.1	53.6	54.1	54.1	54.1	54.2	54.2	54.2	54.3	54.4
≥ 20000	5.2	61.6	66.6	70.2	72.4	73.0	73.6	73.7	73.7	73.8	73.8	73.9	73.9	74.0
18000	5.2	61.8	66.8	70.3	72.6	73.2	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.1
16000	5.2	61.9	66.9	70.5	72.7	73.3	74.0	74.0	74.0	74.1	74.1	74.2	74.2	74.3
14000	5.2	62.1	67.2	70.7	73.1	73.6	74.3	74.4	74.4	74.4	74.4	74.5	74.5	74.6
12000	5.6	64.6	69.9	74.0	76.4	76.9	77.7	77.8	77.8	77.9	77.9	78.0	78.0	78.1
10000	6.2	70.2	76.2	80.4	83.0	83.6	84.3	84.5	84.6	84.7	84.7	84.8	84.8	84.8
9000	6.2	70.3	76.3	80.6	83.2	83.9	84.8	84.8	84.8	84.9	84.9	85.0	85.0	85.1
8000	6.3	71.9	78.0	82.3	85.2	86.0	86.9	86.9	86.9	87.0	87.0	87.1	87.1	87.2
7000	6.3	72.1	78.2	82.5	85.3	86.1	87.0	87.1	87.1	87.2	87.2	87.3	87.3	87.3
6000	6.3	72.3	78.3	82.7	85.5	86.3	87.2	87.3	87.3	87.3	87.3	87.4	87.4	87.5
5000	6.3	72.5	78.6	83.0	85.8	86.6	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.8
4500	6.3	72.6	78.8	83.2	86.0	86.8	87.7	87.7	87.7	87.8	87.8	87.9	87.9	88.0
4000	6.3	72.9	79.1	83.5	86.4	87.2	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.4
3500	6.3	73.4	79.6	84.3	86.9	87.7	88.6	88.6	88.6	88.7	88.7	88.8	88.8	88.9
3000	6.4	73.2	81.7	86.3	89.5	90.3	91.2	91.3	91.3	91.4	91.4	91.5	91.5	91.5
2500	6.5	76.7	83.6	88.2	91.7	92.5	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.7
2000	6.7	78.2	85.2	89.8	93.6	94.4	95.4	95.5	95.5	95.6	95.6	95.7	95.7	95.7
1800	6.8	78.6	85.6	90.2	94.0	94.8	95.8	95.9	95.9	96.0	96.0	96.1	96.1	96.1
1500	6.9	79.6	86.7	91.4	95.2	96.1	97.1	97.3	97.3	97.4	97.4	97.6	97.6	97.7
1200	6.9	80.1	87.2	91.9	95.8	96.6	97.7	97.8	97.8	98.0	98.0	98.2	98.2	98.3
1000	6.9	80.2	87.3	92.1	96.1	96.9	98.0	98.2	98.2	98.5	98.5	98.8	98.8	98.9
900	6.9	80.2	87.5	92.3	96.2	97.1	98.2	98.3	98.3	98.6	98.6	99.0	99.0	99.0
800	6.9	80.3	87.6	92.3	96.3	97.2	98.2	98.4	98.4	98.7	98.7	99.0	99.0	99.1
700	6.9	80.3	87.6	92.3	96.3	97.2	98.2	98.4	98.4	98.7	98.7	99.0	99.0	99.1
600	6.9	80.3	87.6	92.3	96.3	97.2	98.2	98.5	98.5	98.8	98.8	99.1	99.1	99.2
500	6.9	80.3	87.7	92.4	96.4	97.3	98.4	98.6	98.6	99.0	99.0	99.3	99.3	99.4
400	6.9	80.3	87.7	92.4	96.5	97.5	98.6	98.9	98.9	99.3	99.3	99.6	99.6	99.7
300	6.9	80.3	87.7	92.4	96.5	97.5	98.6	98.9	98.9	99.4	99.4	99.8	99.8	99.9
200	6.9	80.3	87.7	92.4	96.5	97.5	98.6	98.9	98.9	99.4	99.4	99.9	99.9	100.0
100	6.9	80.3	87.7	92.4	96.5	97.5	98.6	98.9	98.9	99.4	99.4	99.9	99.9	100.0
0	6.9	80.3	87.7	92.4	96.5	97.5	98.6	98.9	98.9	99.4	99.4	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNA VOCEANMET SMOS

CEILING VERSUS VISIBILITY

03855
STATIONPENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

AUG
MONTH00
HOURS (LST)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	6.5	66.5	70.3	71.0	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 20000	7.1	75.5	80.7	81.9	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9
18000	7.1	75.5	80.7	81.9	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9
16000	7.1	75.5	80.7	81.9	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9
14000	7.1	75.5	80.7	81.9	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9
12000	7.1	77.4	82.6	83.9	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
10000	8.4	80.7	85.8	87.1	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
9000	8.4	80.7	85.8	87.1	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
8000	8.4	81.9	87.1	89.0	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
7000	8.4	82.6	87.7	90.3	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
6000	8.4	82.6	87.7	90.3	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
5000	8.4	83.2	88.4	91.0	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
4500	8.4	83.2	88.4	91.0	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
4000	8.4	83.2	88.4	91.0	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
3500	8.4	83.2	88.4	91.0	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
3000	8.4	83.2	88.4	91.0	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
2500	8.4	83.2	88.4	91.0	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
2000	8.4	84.5	90.3	92.9	94.2	94.2	94.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1
1800	9.0	85.2	91.0	93.6	94.8	94.8	94.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8
1500	9.0	87.7	93.6	96.1	97.4	97.4	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4
1200	9.7	88.4	94.2	96.8	98.1	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
1000	9.7	88.4	94.2	96.8	98.1	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
900	9.7	88.4	94.2	96.8	98.1	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
800	9.7	88.4	94.2	96.8	98.1	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
700	9.7	88.4	94.2	96.8	98.1	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
600	9.7	88.4	94.2	96.8	98.1	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
500	9.7	88.4	94.2	96.8	98.1	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
400	9.7	88.4	94.2	96.8	98.1	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
300	9.7	88.4	94.2	96.8	98.1	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
200	9.7	88.4	94.2	96.8	98.1	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
100	9.7	88.4	94.2	96.8	98.1	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
0	9.7	88.4	94.2	96.8	98.1	98.1	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	4.5	58.7	61.9	64.5	69.0	69.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	4.5	66.5	69.7	72.9	77.4	77.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
18000	4.5	66.5	69.7	72.9	77.4	77.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
16000	4.5	66.5	69.7	72.9	77.4	77.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
14000	4.5	66.5	69.7	72.9	77.4	77.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
12000	4.5	68.4	71.6	74.8	79.4	79.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3
10000	4.5	71.6	74.8	78.1	82.6	82.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5
9000	4.5	72.3	75.5	78.7	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
8000	4.5	72.9	76.1	80.0	84.5	84.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
7000	4.5	73.6	76.8	80.7	85.2	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1
6000	4.5	73.6	76.8	80.7	85.2	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1
5000	4.5	73.6	76.8	80.7	85.2	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1
4500	4.5	73.6	76.8	80.7	85.2	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1
4000	4.5	73.6	76.8	80.7	85.2	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1
3500	4.5	73.6	76.8	80.7	85.2	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1
3000	4.5	74.2	77.4	81.3	85.8	85.8	87.7	87.7	87.7	87.7	87.7	87.7	87.7
2500	4.5	74.8	78.1	81.9	86.5	86.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4
2000	5.8	78.1	81.3	85.2	90.3	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1800	5.8	78.7	81.9	85.8	91.0	91.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9
1500	7.7	81.3	84.5	88.4	93.6	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1200	7.7	83.9	87.1	91.0	96.1	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1000	7.7	83.9	87.1	91.0	96.1	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
900	7.7	84.5	88.4	92.3	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
800	7.7	84.5	88.4	92.3	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
700	7.7	84.5	88.4	92.3	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	7.7	84.5	88.4	92.3	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	7.7	84.5	88.4	92.3	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	7.7	84.5	88.4	92.3	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	7.7	84.5	88.4	92.3	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	7.7	84.5	88.4	92.3	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	7.7	84.5	88.4	92.3	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	7.7	84.5	88.4	92.3	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

2

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

AUG
MONTH

06
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	1.3	32.9	38.7	45.8	52.3	52.9	53.1	59.4	59.4	60.0	60.0	60.0	60.0	60.0
≥ 20000	1.3	40.0	48.4	56.8	63.9	64.5	69.7	71.0	71.0	71.6	71.6	71.6	71.6	71.6
≥ 18000	1.3	40.0	48.4	56.8	63.9	64.5	69.7	71.0	71.0	71.6	71.6	71.6	71.6	71.6
≥ 16000	1.3	40.7	49.0	57.4	64.5	65.2	70.3	71.6	71.6	72.3	72.3	72.3	72.3	72.3
≥ 14000	1.3	41.3	49.7	58.1	65.2	65.8	71.0	72.3	72.3	72.9	72.9	72.9	72.9	72.9
≥ 12000	1.3	43.9	52.3	61.3	68.4	69.0	74.8	76.1	76.1	76.8	76.8	76.8	76.8	76.8
≥ 10000	1.3	48.4	56.8	65.8	74.2	74.8	81.3	82.6	83.2	83.9	83.9	83.9	83.9	83.9
≥ 9000	1.3	48.4	56.8	65.8	74.2	74.8	81.3	82.6	83.2	83.9	83.9	83.9	83.9	83.9
≥ 8000	1.3	51.0	59.4	68.4	76.8	77.4	83.9	85.2	85.8	86.5	86.5	86.5	86.5	86.5
≥ 7000	1.3	51.6	60.0	69.0	77.4	78.1	84.5	85.8	86.5	87.1	87.1	87.1	87.1	87.1
≥ 6000	1.3	51.6	60.0	69.0	77.4	78.1	84.5	85.8	86.5	87.1	87.1	87.1	87.1	87.1
≥ 5000	1.3	52.9	61.3	70.3	78.7	79.4	85.8	87.1	87.7	88.4	88.4	88.4	88.4	88.4
≥ 4500	1.3	52.9	61.3	70.3	78.7	79.4	85.8	87.1	87.7	88.4	88.4	88.4	88.4	88.4
≥ 4000	1.3	52.9	61.3	70.3	78.7	79.4	85.8	87.1	87.7	88.4	88.4	88.4	88.4	88.4
≥ 3500	1.3	53.6	61.9	71.0	79.4	80.0	86.5	87.7	88.4	89.0	89.0	89.0	89.0	89.0
≥ 3000	1.3	54.2	62.6	71.6	80.0	80.7	87.1	88.4	89.0	89.7	89.7	89.7	89.7	89.7
≥ 2500	1.3	56.1	64.5	73.6	81.9	82.6	89.0	90.3	91.0	91.6	91.6	91.6	91.6	91.6
≥ 2000	1.3	57.4	66.5	76.1	85.2	85.8	92.9	94.2	94.8	95.5	95.5	95.5	95.5	95.5
≥ 1800	1.3	58.1	67.1	76.8	85.8	86.5	93.0	94.8	95.5	96.1	96.1	96.1	96.1	96.1
≥ 1500	1.3	59.4	68.4	78.1	87.1	87.7	94.8	96.1	96.8	97.4	97.4	97.4	97.4	97.4
≥ 1200	1.3	60.0	69.0	78.7	87.7	88.4	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1
≥ 1000	1.3	60.0	69.0	78.7	87.7	88.4	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1
≥ 900	1.3	60.0	69.0	78.7	87.7	88.4	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1
≥ 800	1.3	60.0	69.0	78.7	87.7	88.4	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1
≥ 700	1.3	60.0	69.0	78.7	87.7	88.4	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1
≥ 600	1.3	60.0	69.0	78.7	87.7	88.4	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1
≥ 500	1.3	60.0	69.0	78.7	87.7	88.4	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1
≥ 400	1.3	60.0	69.0	78.7	87.7	88.4	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1
≥ 300	1.3	60.0	69.0	78.7	87.7	88.4	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1
≥ 200	1.3	60.0	69.0	78.7	87.7	88.4	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1
≥ 100	1.3	60.0	69.0	78.7	87.7	88.4	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1
0	1.3	60.0	69.0	78.7	87.7	88.4	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION 03855

STATION NAME PENSACOLA, FLORIDA

73-77

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	1.3	36.1	39.4	41.3	42.6	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 20000	1.3	49.7	52.9	55.5	56.8	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	1.3	49.7	52.9	55.5	56.8	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	1.3	50.3	53.6	56.1	57.4	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	1.3	50.3	54.2	56.8	58.1	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	1.3	51.0	55.5	58.1	59.4	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	1.9	58.1	63.2	67.1	68.4	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 9000	1.9	58.1	63.2	67.1	68.4	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	1.9	60.0	65.2	69.0	71.0	71.6	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	1.9	61.3	67.1	71.0	72.9	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	1.9	61.3	67.1	71.0	72.9	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	1.9	61.9	68.4	72.3	74.2	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	2.6	63.2	69.7	73.6	75.5	76.1	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	2.6	63.2	70.3	74.2	76.1	76.8	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	2.6	64.5	71.6	75.5	77.4	78.1	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	2.6	65.8	72.9	76.8	78.7	79.4	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	3.2	68.4	75.5	79.4	81.9	82.6	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	3.9	72.9	80.0	83.9	87.1	87.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	4.5	74.2	81.3	85.2	88.4	89.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	4.5	77.4	84.5	88.4	91.6	92.3	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	4.5	78.7	85.8	89.7	92.9	93.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	4.5	78.7	85.8	89.7	92.9	93.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	4.5	78.7	85.8	89.7	92.9	93.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	4.5	79.4	87.1	92.9	96.1	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	4.5	79.4	87.1	92.9	96.1	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	4.5	79.4	87.1	92.9	96.1	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	4.5	79.4	87.1	92.9	96.1	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	4.5	79.4	87.1	92.9	96.1	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	4.5	79.4	87.1	92.9	96.1	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	4.5	79.4	87.1	92.9	96.1	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	4.5	79.4	87.1	92.9	96.1	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	4.5	79.4	87.1	92.9	96.1	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

135

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.3	41.3	43.2	43.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 20000	1.9	56.8	58.7	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	1.9	57.4	59.4	59.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	1.9	57.4	59.4	59.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	1.9	59.4	61.3	61.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	2.6	63.2	65.8	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	3.9	69.7	72.3	73.6	74.8	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	3.9	69.7	72.3	73.6	74.8	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	3.9	75.5	78.1	79.4	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	3.9	76.1	78.7	80.0	81.3	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	3.9	76.8	79.4	80.7	81.9	81.9	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000	3.9	76.8	79.4	80.7	81.9	81.9	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	3.9	76.8	79.4	80.7	81.9	81.9	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	3.9	76.8	79.4	80.7	81.9	81.9	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	3.9	77.4	80.0	81.3	82.6	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	4.5	79.4	81.9	83.2	85.2	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	4.5	82.6	85.2	87.7	89.0	89.0	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	4.5	87.1	90.3	92.9	94.2	94.2	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	4.5	87.7	91.0	94.2	95.5	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	4.5	89.7	93.6	96.1	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	4.5	89.7	93.6	96.1	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	4.5	89.7	93.6	96.1	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	4.5	89.7	93.6	96.1	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	4.5	89.7	93.6	96.1	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	4.5	89.7	93.6	96.1	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	4.5	89.7	93.6	97.4	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	4.5	89.7	93.6	97.4	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	4.5	89.7	93.6	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	4.5	89.7	93.6	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	4.5	89.7	93.6	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	4.5	89.7	93.6	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	4.5	89.7	93.6	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 155

DIPNAVOCEANMET SMOS

2

5703 CEILING VERSUS VISIBILITY JAN 78

3000

3000

CEILING VERSUS VISIBILITY

03855
STATIONPENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

AUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)15
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	1.3	40.0	41.9	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	3.9	62.6	64.5	65.2	65.8	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	3.9	62.6	64.5	65.2	65.8	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	3.9	62.6	64.5	65.2	65.8	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	3.9	63.2	65.8	66.5	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	3.9	66.5	69.0	70.3	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	5.2	74.8	78.7	80.7	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000	5.2	75.5	79.4	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	5.2	79.4	83.9	85.8	86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	5.2	79.4	83.9	85.8	86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	5.2	79.4	83.9	85.8	86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	5.2	79.4	84.5	86.5	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	5.2	79.4	84.5	86.5	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	5.2	79.4	85.2	87.7	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	5.2	80.7	86.5	89.0	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	5.2	82.6	89.0	92.3	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	5.2	84.5	91.0	94.2	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	5.2	85.8	92.3	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	5.2	86.5	92.9	96.1	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	5.2	87.7	94.2	97.4	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	5.2	87.7	94.2	97.4	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	5.2	88.4	94.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	5.2	88.4	94.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	5.2	88.4	94.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	5.2	88.4	94.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	5.2	88.4	94.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	5.2	88.4	94.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	5.2	88.4	94.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	5.2	88.4	94.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	5.2	88.4	94.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	5.2	88.4	94.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	5.2	88.4	94.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	1.3	30.3	31.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 20000	5.2	67.7	69.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	5.2	67.7	69.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	5.2	67.7	69.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	5.2	67.7	69.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 12000	5.2	67.7	69.7	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	5.8	77.4	80.7	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	5.8	77.4	80.7	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	5.8	81.3	84.5	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 7000	5.8	81.3	84.5	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 6000	5.8	81.9	85.2	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	5.8	81.9	85.2	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	5.8	82.6	85.8	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4000	5.8	82.6	85.8	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	5.8	82.6	85.8	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	5.8	83.9	87.7	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	5.8	83.9	87.7	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	5.8	85.2	89.0	92.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	5.8	85.8	89.7	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	5.8	86.5	90.3	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	5.8	86.5	90.3	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	5.8	86.5	90.3	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	5.8	86.5	90.3	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	5.8	86.5	90.3	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	5.8	86.5	90.3	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	5.8	86.5	90.3	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	5.8	86.5	90.3	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	5.8	86.5	90.3	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	5.8	86.5	90.3	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	5.8	86.5	90.3	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	5.8	86.5	90.3	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0	5.8	86.5	90.3	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	4.5	52.9	56.1	57.4	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	4.5	71.0	74.8	76.1	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	4.5	71.0	74.8	76.1	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	4.5	71.0	74.8	76.1	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	4.5	71.0	74.8	76.1	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000	5.2	72.9	76.8	78.1	79.4	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000	5.8	77.4	81.3	83.2	84.5	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	5.8	77.4	81.3	83.2	84.5	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	5.8	78.7	82.6	84.5	85.8	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	5.8	78.7	82.6	84.5	85.8	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	5.8	78.7	82.6	84.5	85.8	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	5.8	80.0	83.9	86.5	87.7	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500	5.8	80.0	83.9	86.5	87.7	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	5.8	80.0	83.9	86.5	87.7	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	5.8	80.0	83.9	86.5	87.7	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	6.5	81.3	85.2	88.4	89.7	89.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	6.5	82.6	87.1	90.3	92.3	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	7.1	85.2	89.7	93.6	96.1	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	7.1	86.5	91.0	94.8	97.4	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	7.1	87.1	91.0	95.5	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	7.1	87.1	91.0	95.5	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	7.1	87.1	91.0	95.5	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	7.1	87.1	91.0	95.5	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	7.1	87.1	91.0	95.5	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	7.1	87.1	91.0	95.5	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	7.1	87.1	91.0	95.5	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	7.1	87.1	91.0	95.5	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	7.1	87.1	91.0	95.5	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	7.1	87.1	91.0	95.5	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	7.1	87.1	91.0	95.5	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	7.1	87.1	91.0	95.5	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	7.1	87.1	91.0	95.5	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIPNAVOCEANMET SMOS

2

2

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855 STATION NAME: PENSACOLA, FLORIDA
 73-77 YEARS
 AUG MONTH
 ALL HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8
NO CEILING	2.7	44.8	47.9	50.0	52.0	52.2	53.1	53.4	53.4	53.4	53.5	53.5	53.5	53.5
≥ 20000	3.7	61.2	64.9	67.6	69.8	69.9	70.9	71.3	71.3	71.3	71.4	71.4	71.4	71.4
≥ 18000	3.7	61.3	65.0	67.7	69.8	70.0	71.0	71.4	71.4	71.4	71.5	71.5	71.5	71.5
≥ 16000	3.7	61.5	65.2	67.8	70.0	70.2	71.1	71.5	71.5	71.5	71.6	71.6	71.6	71.6
≥ 14000	3.7	61.9	65.7	68.4	70.6	70.7	71.7	72.1	72.1	72.1	72.2	72.2	72.2	72.2
≥ 12000	4.0	64.4	68.6	71.4	73.7	73.9	75.1	75.5	75.6	75.7	75.7	75.7	75.7	75.7
10000	4.6	59.8	74.2	77.5	80.0	80.2	81.5	81.9	82.0	82.1	82.1	82.1	82.1	82.1
9000	4.6	59.9	74.4	77.7	80.2	80.3	81.6	82.0	82.1	82.2	82.3	82.3	82.3	82.3
8000	4.6	72.6	77.1	80.6	83.2	83.3	84.7	85.1	85.2	85.3	85.3	85.3	85.3	85.3
7000	4.6	73.1	77.7	81.2	83.8	84.0	85.3	85.7	85.8	85.9	86.0	86.0	86.0	86.0
6000	4.6	73.1	77.7	81.2	83.8	84.0	85.3	85.7	85.8	85.9	86.0	86.0	86.0	86.0
5000	4.6	73.7	78.5	82.1	84.7	84.8	86.2	86.6	86.8	86.9	86.9	86.9	86.9	86.9
4500	4.7	73.9	78.6	82.3	84.8	85.0	86.4	86.8	86.9	87.0	87.0	87.0	87.0	87.0
4000	4.7	74.0	78.9	82.7	85.2	85.4	86.9	87.3	87.4	87.5	87.6	87.6	87.6	87.6
3500	4.7	74.4	79.4	83.2	85.8	86.0	87.5	87.9	88.0	88.1	88.2	88.2	88.2	88.2
3000	4.8	75.6	80.7	84.6	87.3	87.4	89.0	89.4	89.5	89.6	89.6	89.6	89.6	89.6
2500	4.9	77.0	82.2	86.2	89.0	89.3	90.9	91.3	91.4	91.5	91.5	91.5	91.5	91.5
2000	5.2	79.5	84.9	89.1	92.3	92.6	94.4	94.8	94.9	95.0	95.0	95.0	95.0	95.0
1800	5.4	80.3	85.8	90.0	93.2	93.5	95.2	95.7	95.8	95.9	95.9	95.9	95.9	95.9
1500	5.7	82.1	87.6	91.8	94.9	95.2	97.0	97.4	97.5	97.6	97.7	97.7	97.7	97.7
1200	5.7	82.7	88.2	92.4	95.7	96.0	97.7	98.2	98.2	98.3	98.4	98.4	98.4	98.4
1000	5.7	82.8	88.3	92.6	95.8	96.2	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6
900	5.7	82.9	88.5	92.7	96.0	96.4	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8
800	5.7	83.0	88.6	93.2	96.5	96.9	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4
700	5.7	83.0	88.6	93.2	96.5	96.9	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4
600	5.7	83.0	88.6	93.2	96.5	96.9	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.6
500	5.7	83.0	88.6	93.3	96.6	97.0	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7
400	5.7	83.0	88.6	93.4	96.7	97.1	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8
300	5.7	83.0	88.6	93.4	96.7	97.2	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9
200	5.7	83.0	88.6	93.4	96.7	97.2	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9
100	5.7	83.0	88.6	93.4	96.7	97.2	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9
0	5.7	83.0	88.6	93.4	96.7	97.2	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1240

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03455
STATION

PENSACOLA, FLORIDA

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/5	≥ 1/6	≥ 0
NO CEILING	7	56.7	57.3	58.0	60.7	60.7	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	7	68.7	70.7	72.0	74.7	74.7	74.7	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	7	68.7	70.7	72.0	74.7	74.7	74.7	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	7	68.7	70.7	72.0	74.7	74.7	74.7	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	7	68.7	70.7	72.0	74.7	74.7	74.7	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 12000	7	72.0	74.0	75.3	78.0	78.0	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	1.3	76.7	78.7	80.0	82.7	82.7	82.7	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	1.3	76.7	78.7	80.0	82.7	82.7	82.7	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 8000	1.3	76.7	78.7	80.0	82.7	82.7	82.7	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	1.3	78.7	80.7	82.0	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	1.3	78.7	80.7	82.0	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 5000	1.3	78.7	80.7	82.0	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	1.3	79.3	81.3	83.3	86.0	86.0	86.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	1.3	79.3	81.3	83.3	86.0	86.0	86.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	1.3	79.3	81.3	83.3	86.0	86.0	86.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	1.3	80.0	82.0	84.0	87.3	87.3	87.3	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	1.3	80.0	82.0	84.0	87.3	87.3	87.3	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	1.3	83.3	85.3	87.3	90.7	90.7	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	1.3	84.0	86.0	88.0	91.3	91.3	91.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	1.3	88.0	90.0	92.0	95.3	95.3	95.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	1.3	88.0	90.0	92.0	95.3	95.3	95.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	1.3	89.3	91.3	93.3	96.7	96.7	96.7	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	1.3	90.0	92.0	94.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	1.3	90.0	92.0	94.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	1.3	90.0	92.0	94.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	1.3	90.7	93.3	95.3	98.7	98.7	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	1.3	90.7	93.3	95.3	98.7	98.7	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	1.3	90.7	93.3	95.3	98.7	98.7	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	1.3	90.7	93.3	95.3	98.7	98.7	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	1.3	90.7	93.3	95.3	98.7	98.7	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	1.3	90.7	93.3	95.3	98.7	98.7	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	1.3	90.7	93.3	95.3	98.7	98.7	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVVOCEANMET 5MOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

SEP
MONTH

03
HOURS (L.S.T.)

000

03

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	7.48.0	49.3	52.7	56.0	56.0	56.0	58.7	60.0	60.7	60.7	60.7	60.7	60.7
≥ 20000	7.54.7	56.0	59.3	63.3	63.3	63.3	66.0	67.3	68.0	68.0	68.0	68.0	68.0
≥ 18000	7.54.7	56.0	59.3	63.3	63.3	63.3	66.0	67.3	68.0	68.0	68.0	68.0	68.0
≥ 16000	7.54.7	56.0	59.3	63.3	63.3	63.3	66.0	67.3	68.0	68.0	68.0	68.0	68.0
≥ 14000	7.54.7	56.0	59.3	63.3	63.3	63.3	66.0	67.3	68.0	68.0	68.0	68.0	68.0
≥ 12000	7.58.0	59.3	62.7	66.7	66.7	66.7	69.3	70.7	71.3	71.3	71.3	71.3	71.3
≥ 10000	7.64.0	65.3	68.7	72.7	72.7	72.7	75.3	76.7	77.3	77.3	77.3	77.3	77.3
≥ 9000	7.64.0	65.3	68.7	72.7	72.7	72.7	75.3	76.7	77.3	77.3	77.3	77.3	77.3
≥ 8000	7.68.0	69.3	73.3	77.3	77.3	77.3	80.0	81.3	82.0	82.0	82.0	82.0	82.0
≥ 7000	7.68.0	70.0	74.0	78.0	78.0	78.0	80.7	82.0	82.7	82.7	82.7	82.7	82.7
≥ 6000	7.68.0	70.0	74.0	78.0	78.0	78.0	80.7	82.0	82.7	82.7	82.7	82.7	82.7
≥ 5000	7.68.0	70.0	74.0	78.0	78.0	78.0	80.7	82.0	82.7	82.7	82.7	82.7	82.7
≥ 4500	7.68.0	70.0	74.0	78.0	78.0	78.0	80.7	82.0	82.7	82.7	82.7	82.7	82.7
≥ 4000	7.68.0	70.0	74.0	78.0	78.0	78.0	80.7	82.0	82.7	82.7	82.7	82.7	82.7
≥ 3500	7.71.3	72.7	76.7	80.7	80.7	80.7	83.3	84.7	85.3	85.3	85.3	85.3	85.3
≥ 3000	7.72.7	74.0	78.0	82.0	82.0	82.0	84.7	86.0	86.7	86.7	86.7	86.7	86.7
≥ 2500	7.78.0	79.3	83.3	87.3	87.3	87.3	90.0	91.3	92.0	92.0	92.0	92.0	92.0
≥ 2000	7.78.0	79.3	83.3	87.3	87.3	87.3	90.0	91.3	92.0	92.0	92.0	92.0	92.0
≥ 1800	7.80.0	82.0	86.0	90.7	90.7	90.7	93.3	94.7	95.3	95.3	95.3	95.3	95.3
≥ 1500	7.80.0	82.0	86.0	90.7	90.7	90.7	93.3	94.7	95.3	95.3	95.3	95.3	95.3
≥ 1200	7.80.0	82.0	86.0	90.7	90.7	90.7	93.3	94.7	95.3	95.3	95.3	95.3	95.3
≥ 1000	7.80.0	82.0	86.0	90.7	90.7	90.7	93.3	94.7	95.3	95.3	95.3	95.3	95.3
≥ 900	7.82.0	84.0	88.0	92.7	92.7	92.7	95.3	96.7	97.3	97.3	97.3	97.3	97.3
≥ 800	7.82.0	84.0	88.0	92.7	92.7	92.7	95.3	96.7	97.3	97.3	97.3	97.3	97.3
≥ 700	7.82.0	84.0	88.0	92.7	92.7	92.7	95.3	96.7	97.3	97.3	97.3	97.3	97.3
≥ 600	7.82.0	84.0	88.0	92.7	92.7	92.7	95.3	96.7	97.3	97.3	97.3	97.3	97.3
≥ 500	7.82.0	84.0	88.0	92.7	92.7	92.7	95.3	96.7	97.3	97.3	97.3	97.3	97.3
≥ 400	7.82.0	84.0	88.0	92.7	92.7	92.7	95.3	96.7	97.3	97.3	97.3	97.3	97.3
≥ 300	7.82.0	84.0	88.0	92.7	92.7	92.7	95.3	96.7	97.3	97.3	97.3	97.3	97.3
≥ 200	7.82.0	84.0	88.0	92.7	92.7	92.7	95.3	96.7	97.3	97.3	97.3	97.3	97.3
≥ 100	7.82.0	84.0	88.0	92.7	92.7	92.7	95.3	96.7	97.3	97.3	97.3	97.3	97.3
≥ 0	7.82.0	84.0	88.0	92.7	92.7	92.7	95.3	96.7	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

000

000

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

SEP 8766

SEP MONTH 06

HOURLY (L.S.T.)

73-77

73-77

PENSACOLA, FLORIDA

STATION NAME

03855 STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	7 22.7	30.0	35.3	41.3	43.3	43.3	47.3	48.0	48.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	7 31.3	39.3	44.7	52.0	54.7	54.7	59.3	60.7	60.7	62.0	62.7	62.7	62.7	62.7	62.7	62.7
18000	7 31.3	39.3	44.7	52.0	54.7	54.7	59.3	60.7	60.7	62.0	62.7	62.7	62.7	62.7	62.7	62.7
16000	7 31.3	39.3	44.7	52.0	54.7	54.7	59.3	60.7	60.7	62.0	62.7	62.7	62.7	62.7	62.7	62.7
14000	7 32.7	40.7	46.0	53.3	56.0	56.0	60.7	62.0	62.0	63.3	64.0	64.0	64.0	64.0	64.0	64.0
12000	7 36.0	44.7	50.7	58.0	60.7	60.7	66.0	67.3	67.3	68.7	69.3	69.3	69.3	69.3	69.3	69.3
10000	7 38.7	48.0	54.0	62.0	64.7	64.7	70.0	71.3	71.3	72.7	73.3	73.3	73.3	73.3	73.3	73.3
9000	7 38.7	48.0	54.0	62.0	64.7	64.7	70.0	71.3	71.3	72.7	73.3	73.3	73.3	73.3	73.3	73.3
8000	7 41.3	50.7	56.7	64.7	67.3	67.3	73.3	74.7	74.7	76.0	76.7	76.7	76.7	76.7	76.7	76.7
7000	7 41.3	50.7	56.7	64.7	67.3	67.3	73.3	74.7	74.7	76.0	76.7	76.7	76.7	76.7	76.7	76.7
6000	7 42.0	51.3	57.3	65.3	68.0	68.0	74.0	75.3	75.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3
5000	7 42.0	51.3	57.3	65.3	68.0	68.0	74.0	75.3	75.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3
4500	7 42.0	51.3	57.3	65.3	68.0	68.0	74.0	75.3	75.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3
4000	7 42.0	51.3	57.3	65.3	68.0	68.0	74.0	75.3	75.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3
3500	7 42.7	52.0	58.0	66.0	68.7	68.7	74.7	76.0	76.0	77.3	78.0	78.0	78.0	78.0	78.0	78.0
3000	7 43.3	53.3	59.3	67.3	70.0	70.0	76.0	78.0	78.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0
2500	7 44.0	54.7	60.7	68.7	72.7	72.7	78.0	80.0	80.0	81.3	82.0	82.0	82.0	82.0	82.0	82.0
2000	7 46.0	58.0	64.7	72.7	76.0	76.0	82.0	84.0	84.0	85.3	86.0	86.0	86.0	86.0	86.0	86.0
1800	7 46.0	58.0	64.7	72.7	76.0	76.0	82.0	84.0	84.0	85.3	86.0	86.0	86.0	86.0	86.0	86.0
1500	7 46.0	58.0	64.7	72.7	76.0	76.0	82.0	84.0	84.0	85.3	86.0	86.0	86.0	86.0	86.0	86.0
1200	7 48.7	62.0	69.3	78.0	81.3	81.3	87.3	89.3	89.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3
1000	7 50.0	63.3	70.7	79.3	82.7	82.7	88.7	90.7	90.7	92.0	92.7	92.7	92.7	92.7	92.7	92.7
900	7 50.7	64.0	71.3	80.0	83.3	83.3	89.3	91.3	91.3	92.7	93.3	93.3	93.3	93.3	93.3	93.3
800	7 52.0	65.3	72.7	82.0	85.3	85.3	91.3	93.3	93.3	94.7	95.3	95.3	95.3	95.3	95.3	95.3
700	7 52.7	66.0	73.3	83.3	86.7	86.7	92.7	94.7	94.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7
600	7 52.7	66.0	73.3	83.3	86.7	86.7	92.7	94.7	94.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7
500	7 52.7	66.0	73.3	84.0	87.3	87.3	93.3	95.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3
400	7 52.7	66.0	73.3	84.0	87.3	87.3	93.3	95.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3
300	7 52.7	66.0	74.0	84.7	88.0	88.0	94.7	96.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
200	7 52.7	66.0	74.0	84.7	88.0	88.0	94.7	96.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
100	7 52.7	66.0	74.0	84.7	88.0	88.0	94.7	96.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
0	7 52.7	66.0	74.0	84.7	88.0	88.0	94.7	96.7	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 150

DIRECTOR/CEANMET 5MOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03835
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

SEP
MONTH

09
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	7	35.3	40.0	42.7	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	7	42.7	47.3	50.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 18000	7	42.7	47.3	50.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 16000	7	42.7	47.3	50.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000	7	42.7	47.3	50.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 12000	7	44.0	48.7	52.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000	7	51.3	56.7	60.7	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	7	52.0	57.3	61.3	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 8000	7	52.7	58.0	62.0	68.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	7	53.3	59.3	63.3	70.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000	7	53.3	59.3	63.3	70.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 5000	7	54.0	60.0	64.0	70.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	7	54.7	60.7	64.7	71.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	7	54.7	60.7	64.7	72.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500	7	56.0	62.0	66.0	73.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3000	7	56.0	62.0	66.0	73.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2500	7	56.0	62.0	66.0	73.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2000	7	60.7	67.3	71.3	78.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1800	7	60.7	67.3	71.3	79.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	1.3	64.0	72.0	76.7	84.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	1.3	66.0	74.0	79.3	87.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1000	1.3	68.0	77.3	82.7	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	1.3	68.0	78.0	83.3	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	1.3	68.7	78.7	84.0	93.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	1.3	68.7	78.7	84.0	94.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	1.3	70.0	80.0	85.3	95.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	1.3	70.0	80.0	85.3	96.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	1.3	70.0	80.0	85.3	96.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	1.3	70.0	80.0	85.3	96.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.3	70.0	80.0	85.3	96.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.3	70.0	80.0	85.3	96.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	1.3	70.0	80.0	85.3	96.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SEP
MONTH

12
HOURS (L.S.T.)

5703 CEILING VERSUS VISIBILITY JAN 78

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	42.7	38.7	40.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 20000	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
18000	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
16000	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
14000	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
12000	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
10000	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
9000	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
8000	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
7000	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
6000	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
5000	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
4500	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
4000	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
3500	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
3000	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
2500	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
2000	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
1800	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
1500	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
1200	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
1000	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
900	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
800	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
700	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
600	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
500	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
400	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
300	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
200	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
100	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
0	2.7	54.7	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3

TOTAL NUMBER OF OBSERVATIONS 130

DIRNA VOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION 03855 PENNSACOLA, FLORIDA 73-77 YEARS SEP NORTH 15 MOURE (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	1.3	38.0	42.0	42.7	42.7	43.3	43.3	43.3	43.3	43.3	43.3
≥ 20000	2.7	55.3	59.3	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	2.7	55.3	59.3	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	2.7	55.3	59.3	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	2.7	56.7	60.7	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	2.7	59.3	63.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3
≥ 10000	2.7	65.3	69.3	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	2.7	65.3	69.3	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0
8000	2.7	70.0	75.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0
7000	2.7	71.3	76.7	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0
6000	2.7	71.3	76.7	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0
5000	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
4500	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
4000	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
3500	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
3000	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
2500	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
1800	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
1500	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
1200	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
1000	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
900	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
800	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
700	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
600	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
500	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
400	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
300	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
200	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
100	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
0	2.7	72.0	77.3	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION 03855 PENSACOLA, FLORIDA STATION NAME YEARS 73-77 MONTH SEP HOURS (LST) 18

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 0
NO CEILING	3.3	41.3	44.0	45.3	46.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	4.0	62.0	66.7	69.3	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 18000	4.0	62.0	66.7	69.3	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000	4.0	62.0	66.7	69.3	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000	4.0	62.0	66.7	69.3	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	4.0	66.0	71.3	74.0	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 10000	4.0	72.0	77.3	80.0	81.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	4.0	72.0	77.3	80.0	81.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3
≥ 8000	4.0	75.3	80.7	83.3	84.7	86.0	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	4.0	75.3	80.7	83.3	84.7	86.0	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	4.0	75.0	81.3	84.0	85.3	86.7	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	4.0	76.0	81.3	84.0	85.3	86.7	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	4.0	77.3	82.7	85.3	86.7	88.0	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	4.0	77.3	82.7	85.3	86.7	88.0	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	4.0	77.3	82.7	85.3	86.7	88.0	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	4.0	78.7	84.0	86.7	88.0	89.3	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	4.0	79.3	85.3	88.0	89.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	4.0	81.3	88.0	90.7	92.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	4.0	82.0	88.7	91.3	93.3	94.7	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	4.0	84.0	90.7	93.3	95.3	96.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	4.0	85.3	92.0	94.7	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	4.0	85.3	92.0	94.7	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	4.0	85.3	92.0	94.7	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	4.0	85.3	92.0	94.7	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	4.0	85.3	92.0	94.7	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	4.0	85.3	92.0	94.7	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	4.0	85.3	92.0	94.7	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	4.0	85.3	92.0	94.7	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	4.0	85.3	92.0	94.7	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	4.0	85.3	92.0	94.7	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	4.0	85.3	92.0	94.7	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	4.0	85.3	92.0	94.7	96.7	98.0	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 130

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

7.5-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (L S T)

0000

5703 CEILING VERSUS VISIBILITY JAN 78

0000

0000

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	2.0	55.3	57.3	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	2.7	70.7	74.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	2.7	70.7	74.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	2.7	70.7	74.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	2.7	71.3	74.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 12000	2.7	74.7	78.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000	2.7	80.0	83.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 9000	2.7	80.0	83.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 8000	2.7	82.0	85.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 7000	2.7	82.7	86.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	2.7	84.7	88.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5000	2.7	84.7	88.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	2.7	84.7	88.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	2.7	84.7	88.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	2.7	84.7	88.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	2.7	85.3	88.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	3.3	86.0	89.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	3.3	88.0	91.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	3.3	88.0	91.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	3.3	89.3	92.7	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	3.3	91.3	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	3.3	91.3	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	3.3	91.3	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	3.3	91.3	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	3.3	91.3	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	3.3	91.3	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	3.3	91.3	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	3.3	91.3	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	3.3	91.3	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	3.3	91.3	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	3.3	91.3	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	3.3	91.3	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150
DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	1.5	42.0	45.0	47.3	49.8	50.3	51.2	51.4	51.4	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	1.8	55.0	58.7	61.4	64.2	64.8	65.8	66.1	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.6
At 18000	1.8	53.0	58.7	61.4	64.2	64.8	65.8	66.1	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.6
At 16000	1.8	55.0	58.7	61.4	64.2	64.8	65.8	66.1	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.6
At 14000	1.8	55.4	59.1	61.9	64.7	65.3	66.3	66.6	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.1
At 12000	1.8	58.7	62.5	65.5	68.3	68.9	69.9	70.3	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.8
At 10000	1.9	64.0	68.0	71.3	74.3	74.9	76.0	76.3	76.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8
At 9000	1.9	64.1	68.1	71.3	74.3	75.1	76.2	76.5	76.5	76.8	76.9	76.9	76.9	76.9	76.9	77.0
At 8000	1.9	66.8	71.0	74.3	77.3	78.2	79.3	79.7	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.3
At 7000	1.9	67.3	71.5	75.0	78.0	78.8	80.0	80.3	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.9
At 6000	1.9	67.8	72.1	75.9	78.7	79.5	80.7	81.0	81.0	81.4	81.5	81.5	81.5	81.5	81.5	81.6
At 5000	1.9	68.1	72.3	75.9	78.9	79.8	80.9	81.3	81.3	81.7	81.8	81.8	81.8	81.8	81.8	81.8
At 4500	1.9	68.4	72.7	76.3	79.3	80.1	81.3	81.6	81.6	82.0	82.1	82.1	82.1	82.1	82.1	82.2
At 4000	1.9	68.6	72.8	76.4	79.4	80.3	81.4	81.6	81.6	82.2	82.3	82.3	82.3	82.3	82.3	82.3
At 3500	1.9	68.8	73.1	76.7	79.8	80.6	81.8	82.1	82.1	82.5	82.6	82.6	82.6	82.6	82.6	82.7
At 3000	2.1	70.1	74.6	78.2	81.3	82.2	83.3	83.6	83.8	84.2	84.3	84.3	84.3	84.3	84.3	84.3
At 2500	2.4	71.8	76.5	80.1	83.3	84.3	85.4	85.8	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.4
At 2000	2.4	74.8	80.1	83.9	87.3	88.2	89.4	89.6	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.4
At 1800	2.4	75.0	80.3	84.1	87.5	88.4	89.7	90.1	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.7
At 1500	2.5	77.4	83.0	87.0	90.8	91.7	93.0	93.4	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.1
At 1200	2.5	78.7	84.4	88.5	92.3	93.2	94.5	95.0	95.0	95.6	95.7	95.7	95.7	95.7	95.7	95.8
At 1000	2.5	79.3	85.3	89.4	93.3	94.3	95.8	96.3	96.3	96.9	97.1	97.1	97.1	97.1	97.1	97.2
At 900	2.5	79.7	85.8	89.9	93.9	94.8	96.4	96.9	96.9	97.5	97.7	97.7	97.7	97.7	97.7	97.8
At 800	2.5	80.1	86.3	90.3	94.4	95.3	96.9	97.4	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.3
At 700	2.5	80.2	86.5	90.4	94.7	95.6	97.3	97.8	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.6
At 600	2.5	80.4	86.6	90.7	94.9	95.8	97.6	98.1	98.1	98.8	98.9	98.9	98.9	98.9	98.9	99.0
At 500	2.5	80.4	86.6	90.7	95.3	96.2	97.9	98.4	98.4	99.2	99.3	99.3	99.3	99.3	99.3	99.4
At 400	2.5	80.4	86.6	90.8	95.3	96.3	98.0	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.7
At 300	2.5	80.4	86.6	90.8	95.4	96.3	98.2	98.7	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.9
At 200	2.5	80.4	86.6	90.8	95.4	96.3	98.2	98.7	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.9
At 100	2.5	80.4	86.6	90.8	95.4	96.3	98.2	98.7	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.9
At 0	2.5	80.4	86.6	90.8	95.4	96.3	98.2	98.7	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS

1200

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	5.2	71.6	73.0	74.0	74.8	74.8	75.5	75.5	75.5	76.1	76.1	76.8	76.8
≥ 20000	5.2	79.4	81.3	83.2	83.2	83.2	83.9	83.9	83.9	84.5	84.5	85.2	85.2
18000	5.2	79.4	81.3	83.2	83.2	83.2	83.9	83.9	83.9	84.5	84.5	85.2	85.2
16000	5.2	79.4	81.3	83.2	83.2	83.2	83.9	83.9	83.9	84.5	84.5	85.2	85.2
14000	5.2	79.4	81.3	83.2	83.2	83.2	83.9	83.9	83.9	84.5	84.5	85.2	85.2
12000	5.2	80.0	81.9	83.9	83.9	83.9	85.2	85.2	85.2	85.8	85.8	86.5	86.5
10000	5.2	81.3	83.2	85.2	85.2	85.8	87.1	87.1	87.1	87.7	87.7	88.4	88.4
9000	5.2	81.3	83.2	85.2	85.2	85.8	87.1	87.1	87.1	87.7	87.7	88.4	88.4
8000	5.2	81.9	83.9	86.5	87.1	87.1	88.4	88.4	88.4	89.0	89.0	89.7	89.7
7000	5.2	81.9	83.9	86.5	87.1	87.1	88.4	88.4	88.4	89.0	89.0	89.7	89.7
6000	5.2	81.9	83.9	86.5	87.1	87.1	88.4	88.4	88.4	89.0	89.0	89.7	89.7
5000	5.2	81.9	83.9	86.5	87.1	87.1	88.4	88.4	88.4	89.0	89.0	89.7	89.7
4500	5.2	83.2	85.8	88.4	89.0	89.0	90.3	91.0	91.0	91.6	91.6	92.3	92.3
4000	5.2	83.2	85.8	88.4	89.0	89.0	90.3	91.0	91.0	91.6	91.6	92.3	92.3
3500	5.2	83.2	85.8	88.4	89.0	89.0	90.3	91.0	91.0	91.6	91.6	92.3	92.3
3000	5.2	83.9	86.5	89.0	89.7	89.7	91.0	91.6	91.6	92.3	92.3	92.9	92.9
2500	5.2	83.9	86.5	89.0	89.7	89.7	91.0	91.6	91.6	92.3	92.3	92.9	92.9
2000	5.2	85.2	87.7	90.3	91.0	91.0	92.3	92.9	92.9	93.6	93.6	94.2	94.2
1800	5.2	85.2	87.7	90.3	91.0	91.0	92.3	92.9	92.9	93.6	93.6	94.2	94.2
1500	5.2	86.5	89.7	92.3	92.9	92.9	94.2	94.8	94.8	95.5	95.5	96.1	96.1
1200	5.2	86.5	89.7	92.3	92.9	92.9	94.8	95.5	95.5	96.1	96.1	96.8	96.8
1000	5.2	86.5	89.7	92.3	93.6	93.6	95.5	96.1	96.1	96.8	96.8	97.4	97.4
900	5.2	86.5	89.7	92.3	93.6	93.6	95.5	96.1	96.1	96.8	96.8	97.4	97.4
800	5.2	87.1	90.3	92.9	94.2	94.2	96.1	96.8	96.8	97.4	97.4	98.1	98.1
700	5.2	87.1	90.3	92.9	94.2	94.2	96.1	96.8	96.8	97.4	97.4	98.1	98.1
600	5.2	87.7	91.0	93.6	94.8	94.8	96.8	97.4	97.4	98.1	98.1	98.7	98.7
500	5.2	87.7	91.0	93.6	94.8	94.8	96.8	97.4	97.4	98.1	98.1	98.7	98.7
400	5.2	87.7	91.0	94.8	96.1	96.1	98.1	98.7	98.7	99.4	99.4	100.0	100.0
300	5.2	87.7	91.0	94.8	96.1	96.1	98.1	98.7	98.7	99.4	99.4	100.0	100.0
200	5.2	87.7	91.0	94.8	96.1	96.1	98.1	98.7	98.7	99.4	99.4	100.0	100.0
100	5.2	87.7	91.0	94.8	96.1	96.1	98.1	98.7	98.7	99.4	99.4	100.0	100.0
0	5.2	87.7	91.0	94.8	96.1	96.1	98.1	98.7	98.7	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCENNET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATIONPENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

OCT
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)03
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	3.2	50.7	67.1	67.1	67.1	69.0	72.3	72.3	72.3	72.9	72.9	73.6	73.6
≥ 20000	3.2	66.5	72.9	72.9	73.6	75.5	78.7	78.7	78.7	79.4	79.4	80.0	80.0
≥ 18000	3.2	66.5	72.9	72.9	73.6	75.5	78.7	78.7	78.7	79.4	79.4	80.0	80.0
≥ 16000	3.2	66.5	72.9	72.9	73.6	75.5	78.7	78.7	78.7	79.4	79.4	80.0	80.0
≥ 14000	3.2	66.5	72.9	72.9	73.6	75.5	78.7	78.7	78.7	79.4	79.4	80.0	80.0
≥ 12000	3.2	67.1	73.6	73.6	74.2	76.1	79.4	80.0	80.0	80.7	80.7	81.3	81.3
≥ 10000	3.2	67.7	74.2	74.2	74.8	76.8	80.0	80.7	80.7	81.3	81.3	81.9	81.9
≥ 9000	3.2	67.7	74.2	74.2	74.8	76.8	80.0	80.7	80.7	81.3	81.3	81.9	81.9
≥ 8000	3.2	68.4	74.8	74.8	75.5	77.4	80.7	81.3	81.3	81.9	81.9	82.6	82.6
≥ 7000	3.2	69.7	76.1	76.1	76.8	78.7	81.9	82.6	82.6	83.2	83.2	83.9	83.9
≥ 6000	3.2	69.7	76.1	76.1	76.8	78.7	81.9	82.6	82.6	83.2	83.2	83.9	83.9
≥ 5000	3.2	70.3	76.8	76.8	77.4	79.4	82.6	83.2	83.2	83.9	83.9	84.5	84.5
≥ 4500	3.2	71.0	77.4	77.4	78.1	80.0	83.2	83.9	83.9	84.5	84.5	85.2	85.2
≥ 4000	3.2	71.6	78.1	78.1	78.7	80.7	83.9	84.5	84.5	85.2	85.2	85.8	85.8
≥ 3500	3.2	71.6	78.1	78.1	78.7	80.7	83.9	84.5	84.5	85.2	85.2	85.8	85.8
≥ 3000	3.2	73.6	80.0	80.0	80.7	82.6	85.8	86.5	86.5	87.1	87.1	87.7	87.7
≥ 2500	3.2	74.2	80.7	80.7	81.3	83.2	86.5	87.1	87.1	87.7	87.7	88.4	88.4
≥ 2000	3.2	74.8	81.3	81.3	81.9	83.9	87.1	87.7	87.7	88.4	88.4	89.0	89.0
≥ 1800	3.2	74.8	81.3	81.3	81.9	83.9	87.1	87.7	87.7	88.4	88.4	89.0	89.0
≥ 1500	3.2	78.7	85.2	85.2	86.5	88.4	91.6	92.3	92.3	92.9	92.9	93.6	93.6
≥ 1200	3.2	78.7	85.2	85.2	86.5	88.4	91.6	92.3	92.3	92.9	92.9	93.6	93.6
≥ 1000	3.2	80.0	86.5	86.5	87.7	89.7	92.9	93.6	93.6	94.2	94.2	94.8	94.8
≥ 900	3.2	80.0	86.5	86.5	87.7	89.7	92.9	93.6	93.6	94.2	94.2	94.8	94.8
≥ 800	3.2	80.0	86.5	86.5	87.7	89.7	92.9	93.6	93.6	94.2	94.2	94.8	94.8
≥ 700	3.2	80.0	87.1	87.1	88.4	89.7	91.6	94.8	95.5	96.1	96.1	96.8	96.8
≥ 600	3.2	80.7	88.4	88.4	89.7	91.6	94.8	95.5	95.5	96.1	96.1	96.8	96.8
≥ 500	3.2	80.7	88.4	88.4	89.7	91.6	95.5	96.1	96.1	96.8	96.8	97.4	97.4
≥ 400	3.2	81.9	90.3	90.3	91.6	93.6	97.4	98.1	98.1	98.7	98.7	99.4	99.4
≥ 300	3.2	81.9	90.3	90.3	91.6	93.6	97.4	98.1	98.1	98.7	98.7	99.4	99.4
≥ 200	3.2	81.9	90.3	90.3	91.6	93.6	97.4	98.1	98.1	98.7	98.7	99.4	99.4
≥ 100	3.2	81.9	90.3	90.3	91.6	93.6	97.4	98.1	98.1	98.7	98.7	99.4	99.4
≥ 0	3.2	81.9	90.3	90.3	91.6	93.6	97.4	98.1	98.1	98.7	98.7	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03953 STATION

PENSACOLA, FLORIDA

73-77

STATION NAME

YEARS

UCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	1.9	36.1	40.0	46.5	57.4	59.4	63.2	63.2	63.2	63.9	65.2	65.2	65.2	65.2
≥ 20000	1.9	38.7	43.2	49.7	61.3	63.9	67.7	67.7	67.7	68.4	69.7	69.7	69.7	69.7
≥ 18000	1.9	38.7	43.2	49.7	61.3	63.9	67.7	67.7	67.7	68.4	69.7	69.7	69.7	69.7
≥ 16000	1.9	38.7	43.2	49.7	61.3	63.9	67.7	67.7	67.7	68.4	69.7	69.7	69.7	69.7
≥ 14000	1.9	39.4	43.9	50.3	61.9	64.5	69.0	69.0	69.0	69.7	71.0	71.0	71.0	71.0
≥ 12000	1.9	40.0	45.2	52.3	63.9	66.5	71.0	71.0	71.0	71.6	72.9	72.9	72.9	72.9
≥ 10000	1.9	40.7	45.8	52.9	64.5	67.1	71.6	71.6	71.6	72.3	73.6	73.6	73.6	73.6
≥ 9000	1.9	41.3	46.5	53.6	65.2	67.7	72.3	72.3	72.3	72.9	74.2	74.2	74.2	74.2
≥ 8000	1.9	43.2	48.4	55.5	67.1	69.7	74.2	74.2	74.2	74.8	76.8	76.8	76.8	76.8
≥ 7000	1.9	43.9	49.7	56.6	68.4	71.0	75.5	75.5	75.5	76.1	78.1	78.1	78.1	78.1
≥ 6000	1.9	43.9	49.7	56.6	68.4	71.0	75.5	75.5	75.5	76.1	78.1	78.1	78.1	78.1
≥ 5000	1.9	43.9	49.7	56.6	68.4	71.0	75.5	75.5	75.5	76.1	78.1	78.1	78.1	78.1
≥ 4500	1.9	43.9	49.7	56.6	68.4	71.0	75.5	75.5	75.5	76.1	78.1	78.1	78.1	78.1
≥ 4000	1.9	43.9	49.7	56.6	68.4	71.0	75.5	75.5	75.5	76.1	78.1	78.1	78.1	78.1
≥ 3500	1.9	44.5	50.3	58.1	69.7	72.3	76.8	76.8	76.8	77.4	79.4	79.4	79.4	79.4
≥ 3000	1.9	45.8	51.6	59.4	71.0	73.6	78.1	78.1	78.1	78.7	80.7	80.7	80.7	80.7
≥ 2500	1.9	47.1	52.9	60.7	72.3	74.8	79.4	79.4	79.4	80.0	81.9	81.9	81.9	81.9
≥ 2000	1.9	48.4	54.8	63.2	74.8	77.4	82.6	82.6	82.6	83.2	85.2	85.2	85.2	85.2
≥ 1800	1.9	48.4	54.8	63.2	74.8	77.4	82.6	82.6	82.6	83.2	85.2	85.2	85.2	85.2
≥ 1500	1.9	51.0	57.4	65.8	77.4	80.0	85.2	85.2	85.2	85.8	87.7	87.7	87.7	87.7
≥ 1200	1.9	52.3	58.7	67.1	79.4	81.9	87.1	87.1	87.1	87.7	89.7	89.7	89.7	89.7
≥ 1000	1.9	52.3	58.7	67.1	79.4	81.9	87.1	87.1	87.1	87.7	89.7	89.7	89.7	89.7
≥ 900	1.9	52.3	58.7	67.1	79.4	81.9	87.1	87.1	87.1	87.7	89.7	89.7	89.7	89.7
≥ 800	1.9	52.3	58.7	67.1	79.4	81.9	87.1	87.1	87.1	87.7	89.7	89.7	89.7	89.7
≥ 700	1.9	52.3	58.7	67.1	79.4	81.9	87.1	87.1	87.1	87.7	89.7	89.7	89.7	89.7
≥ 600	1.9	52.3	58.7	67.1	79.4	81.9	87.1	87.1	87.1	87.7	89.7	89.7	89.7	89.7
≥ 500	1.9	52.3	58.7	67.1	79.4	81.9	87.1	87.1	87.1	87.7	89.7	89.7	89.7	89.7
≥ 400	1.9	52.3	58.7	67.1	79.4	81.9	87.1	87.1	87.1	87.7	89.7	89.7	89.7	89.7
≥ 300	1.9	52.3	58.7	67.1	79.4	81.9	87.1	87.1	87.1	87.7	89.7	89.7	89.7	89.7
≥ 200	1.9	52.3	58.7	67.1	79.4	81.9	87.1	87.1	87.1	87.7	89.7	89.7	89.7	89.7
≥ 100	1.9	52.3	58.7	67.1	79.4	81.9	87.1	87.1	87.1	87.7	89.7	89.7	89.7	89.7
≥ 0	1.9	52.3	58.7	67.1	79.4	81.9	87.1	87.1	87.1	87.7	89.7	89.7	89.7	89.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

007
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	3.2	21.6	56.3	66.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	3.2	56.1	61.9	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	3.2	56.1	61.9	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 15000	3.2	56.1	61.9	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	3.2	56.1	61.9	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	3.2	57.4	63.2	67.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000	3.2	60.7	67.1	72.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	3.2	60.7	67.1	72.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	3.9	61.9	68.4	74.2	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	3.9	62.6	69.0	74.8	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	3.9	62.6	69.0	75.5	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000	3.9	63.2	70.3	76.8	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	3.9	63.2	70.3	76.8	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	3.9	63.2	70.3	77.4	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	3.9	63.2	70.3	77.4	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	3.9	65.8	72.9	80.0	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	3.9	66.5	73.6	80.7	82.6	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	3.9	66.5	74.2	81.3	83.2	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	3.9	66.5	74.8	81.9	83.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	3.9	69.7	78.1	83.2	87.1	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	3.9	71.0	80.0	87.7	89.7	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	3.9	71.6	81.3	89.0	91.0	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	3.9	72.3	81.9	89.7	91.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	3.9	72.9	83.2	91.0	92.9	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	3.9	72.9	83.2	91.0	92.9	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	3.9	72.9	83.2	91.0	92.9	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	3.9	72.9	83.2	91.0	92.9	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	3.9	72.9	83.2	91.0	94.2	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	3.9	72.9	83.2	91.0	94.8	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	3.9	72.9	83.2	91.0	94.8	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	3.9	72.9	83.2	91.0	94.8	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	3.9	72.9	83.2	91.0	94.8	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.9	65.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	3.9	71.0	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000	3.9	71.0	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	3.9	71.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	3.9	72.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	3.9	72.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	3.9	75.5	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	3.9	76.1	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000	3.9	77.4	83.2	83.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000	3.9	77.4	83.2	83.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000	3.9	78.1	83.9	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	3.9	78.1	83.9	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	3.9	78.1	83.9	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	3.9	78.1	83.9	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	3.9	79.4	85.8	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000	3.9	79.4	85.8	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	4.5	80.0	87.1	87.1	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	4.5	83.9	91.0	91.6	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	4.5	83.9	91.6	92.3	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	4.5	84.5	92.3	92.9	93.6	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	4.5	85.8	93.6	94.8	95.5	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	4.5	85.8	94.2	95.5	96.1	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	4.5	85.8	94.2	95.5	96.1	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	4.5	85.8	94.2	95.5	96.1	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	4.5	85.8	94.2	95.5	96.1	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	4.5	85.8	94.2	95.5	96.1	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	4.5	85.8	94.2	95.5	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	4.5	85.8	94.2	95.5	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	4.5	85.8	94.2	95.5	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	4.5	85.8	94.2	95.5	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	4.5	85.8	94.2	95.5	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	4.5	85.8	94.2	95.5	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

2

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

1 OCT
MONTH

15
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	5.2	63.9	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	5.2	73.6	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
At 18000	5.2	73.6	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
At 16000	5.2	73.6	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
At 14000	5.2	73.6	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
At 12000	5.2	78.1	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
At 10000	5.2	80.7	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
At 9000	5.2	80.7	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
At 8000	5.2	81.9	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
At 7000	5.2	82.6	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
At 6000	5.2	82.6	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
At 5000	5.2	83.9	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
At 4500	5.2	83.9	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
At 4000	5.2	84.5	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
At 3500	5.2	84.5	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
At 3000	5.2	86.5	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
At 2500	5.2	87.7	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
At 2000	5.2	89.0	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
At 1800	5.2	89.0	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
At 1500	5.2	91.0	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
At 1200	5.2	92.3	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
At 1000	5.2	92.3	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 900	5.2	92.3	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 800	5.2	92.3	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 700	5.2	92.3	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 600	5.2	92.3	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 500	5.2	92.3	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 400	5.2	92.3	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 300	5.2	92.3	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 200	5.2	92.3	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 100	5.2	92.3	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 0	5.2	92.3	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

007
MONTH

18
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.5	66.5	66.5	67.7	67.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	4.5	74.8	75.5	76.8	76.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	4.5	74.8	75.5	76.8	76.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	4.5	74.8	75.5	76.8	76.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	4.5	74.8	75.5	76.8	76.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	4.5	77.4	78.1	80.0	80.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	4.5	82.6	83.2	85.2	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	4.5	82.6	83.2	85.2	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000	4.5	84.5	85.8	87.7	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 7000	4.5	85.2	86.5	88.4	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	4.5	85.2	86.5	88.4	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	4.5	86.5	87.7	89.7	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500	4.5	86.5	87.7	89.7	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	4.5	86.5	87.7	89.7	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	4.5	86.5	88.4	90.3	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	4.5	87.1	89.0	91.0	91.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	4.5	87.1	89.0	91.0	91.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	4.5	88.4	91.0	92.9	92.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	4.5	88.4	91.0	92.9	92.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	4.5	89.7	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	4.5	89.7	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	4.5	89.7	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	4.5	89.7	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	4.5	89.7	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	4.5	89.7	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	4.5	89.7	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	4.5	89.7	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	4.5	89.7	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	4.5	89.7	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	4.5	89.7	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100	4.5	89.7	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
0	4.5	89.7	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ 0
NO CEILING	4.5	72.3	72.9	72.9	73.6	73.6	74.2	74.2	74.2	74.2	74.8	74.8	74.8	74.8
≥ 20000	4.5	78.7	80.0	80.0	80.7	80.7	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9
18000	4.5	78.7	80.0	80.0	80.7	80.7	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9
16000	4.5	79.4	80.7	80.7	81.3	81.3	81.9	81.9	81.9	81.9	82.6	82.6	82.6	82.6
14000	4.5	79.4	80.7	80.7	81.3	81.3	81.9	81.9	81.9	81.9	82.6	82.6	82.6	82.6
12000	4.5	81.9	83.2	83.2	83.9	84.5	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8
10000	4.5	84.5	85.8	85.8	86.5	87.1	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4
9000	4.5	84.5	85.8	85.8	86.5	87.1	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4
8000	4.5	86.5	87.7	87.7	88.4	89.0	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3
7000	4.5	86.5	87.7	87.7	88.4	89.0	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3
6000	4.5	86.5	87.7	87.7	88.4	89.0	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3
5000	4.5	87.7	89.0	89.0	89.7	90.3	91.0	91.0	91.0	91.0	91.6	91.6	91.6	91.6
4500	4.5	87.7	89.0	89.0	89.7	90.3	91.0	91.0	91.0	91.0	91.6	91.6	91.6	91.6
4000	4.5	88.4	89.7	89.7	90.3	91.0	91.6	91.6	91.6	91.6	92.3	92.3	92.3	92.3
3500	4.5	89.7	91.0	91.0	91.6	92.3	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6
3000	5.2	90.3	91.6	91.6	92.3	92.9	93.6	93.6	93.6	93.6	94.2	94.2	94.2	94.2
2500	5.2	91.6	93.6	93.6	94.2	94.8	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1
2000	5.2	91.6	93.6	93.6	94.2	94.8	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1
1800	5.2	91.6	93.6	93.6	94.2	94.8	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1
1500	5.2	91.6	93.6	93.6	94.2	94.8	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1
1200	5.2	92.9	94.8	94.8	95.5	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4
1000	5.2	92.9	94.8	94.8	95.5	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4
900	5.2	92.9	94.8	94.8	95.5	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4
800	5.2	92.9	94.8	94.8	95.5	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4
700	5.2	92.9	94.8	94.8	95.5	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4
600	5.2	92.9	94.8	94.8	95.5	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4
500	5.2	93.6	95.5	95.5	96.8	97.4	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
400	5.2	93.6	95.5	95.5	96.8	97.4	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
300	5.2	93.6	95.5	95.5	96.8	97.4	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
200	5.2	93.6	95.5	95.5	96.8	97.4	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
100	5.2	93.6	95.5	95.5	96.8	97.4	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
0	5.2	93.6	95.5	95.5	96.8	97.4	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855

PENSACOLA, FLORIDA

73-77

DCT

STATION NAME

YEARS

NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	4.0	61.0	63.8	65.5	67.0	67.7	68.8	68.8	68.8	69.0	69.3	69.3	69.4	69.5
≥ 20000	4.0	67.3	70.7	72.4	74.2	75.0	76.1	76.1	76.1	76.3	76.5	76.5	76.7	76.8
18000	4.0	67.3	70.7	72.4	74.2	75.0	76.1	76.1	76.1	76.3	76.5	76.5	76.7	76.8
AI 16000	4.0	67.5	70.8	72.6	74.4	75.2	76.2	76.2	76.2	76.5	76.7	76.7	76.9	77.0
14000	4.0	67.7	71.0	72.8	74.6	75.4	76.5	76.5	76.5	76.8	77.0	77.0	77.2	77.3
AI 12000	4.0	69.4	72.9	74.9	76.7	77.6	78.8	78.9	78.9	79.1	79.4	79.4	79.5	79.6
10000	4.0	71.7	75.4	77.5	79.4	80.4	81.0	81.7	81.7	81.9	82.2	82.2	82.3	82.4
AI 9000	4.0	71.9	75.6	77.7	79.6	80.6	81.8	81.9	81.9	82.1	82.3	82.3	82.5	82.6
8000	4.0	73.2	77.1	79.4	81.4	82.5	83.7	83.8	83.8	84.0	84.4	84.4	84.5	84.6
AI 7000	4.0	73.7	77.7	79.9	81.9	83.1	84.3	84.4	84.4	84.6	84.9	84.9	85.1	85.2
6000	4.0	73.7	77.7	80.0	82.0	83.2	84.4	84.4	84.4	84.7	85.0	85.0	85.2	85.3
5000	4.0	74.4	78.5	80.8	82.8	84.0	85.2	85.2	85.2	85.5	85.8	85.8	86.0	86.1
4500	4.0	74.7	78.8	81.2	83.2	84.4	85.6	85.7	85.7	86.0	86.3	86.3	86.5	86.6
AI 4000	4.0	74.9	79.0	81.5	83.6	84.7	85.9	86.1	86.1	86.3	86.6	86.6	86.8	86.9
3500	4.0	75.0	79.2	81.7	83.7	84.8	86.1	86.2	86.2	86.5	86.8	86.8	86.9	87.0
AI 3000	4.0	76.5	80.7	83.2	85.2	86.4	87.6	87.7	87.7	88.0	88.3	88.3	88.5	88.6
2500	4.2	77.1	81.5	84.0	86.1	87.2	88.6	88.7	88.7	89.0	89.3	89.3	89.4	89.6
AI 2000	4.2	78.5	83.2	85.8	88.1	89.2	90.7	90.8	90.8	91.1	91.4	91.4	91.5	91.7
1800	4.2	78.5	83.3	86.0	88.2	89.4	90.8	91.0	91.0	91.2	91.5	91.5	91.7	91.8
AI 1500	4.2	80.3	85.2	87.9	90.2	91.4	93.0	93.2	93.2	93.5	93.8	93.8	94.0	94.1
1200	4.2	81.1	86.2	89.1	91.5	92.7	94.4	94.7	94.7	94.9	95.2	95.2	95.4	95.6
AI 1000	4.2	81.4	86.6	89.7	92.2	93.4	95.2	95.5	95.5	95.7	96.1	96.1	96.2	96.4
900	4.2	81.5	86.9	89.9	92.4	93.6	95.5	95.8	95.8	96.1	96.4	96.4	96.5	96.6
AI 800	4.2	81.6	87.1	90.2	92.7	93.9	95.8	96.2	96.2	96.5	96.8	96.8	96.9	97.0
700	4.2	81.6	87.3	90.3	92.9	94.1	96.1	96.5	96.5	96.7	97.0	97.0	97.2	97.3
AI 600	4.2	81.8	87.5	90.6	93.2	94.5	96.5	96.9	96.9	97.2	97.5	97.5	97.7	97.8
500	4.2	81.9	87.6	90.7	93.4	94.8	96.9	97.4	97.4	97.7	98.0	98.0	98.2	98.3
AI 400	4.2	82.0	87.9	91.1	94.0	95.3	97.6	98.2	98.2	98.6	98.9	98.9	99.0	99.1
300	4.2	82.0	87.9	91.1	94.1	95.5	97.7	98.5	98.5	99.0	99.4	99.4	99.5	99.6
AI 200	4.2	82.0	87.9	91.1	94.1	95.5	97.7	98.5	98.5	99.1	99.4	99.4	99.6	99.7
100	4.2	82.0	87.9	91.1	94.1	95.5	97.7	98.5	98.5	99.1	99.4	99.4	99.6	99.8
AI 0	4.2	82.0	87.9	91.1	94.1	95.5	97.7	98.5	98.5	99.1	99.4	99.4	99.6	99.8

1240

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

NOV

MONTH

00

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	8.0	59.3	62.0	63.3	63.3	63.3	64.0	64.0	64.0	64.7	64.7	64.7	64.7	65.3
≥ 20000	8.7	64.7	67.3	69.3	69.3	69.3	70.0	70.0	70.0	70.7	70.7	70.7	70.7	71.3
18000	8.7	64.7	67.3	69.3	69.3	69.3	70.0	70.0	70.0	70.7	70.7	70.7	70.7	71.3
16000	8.7	64.7	67.3	69.3	69.3	69.3	70.0	70.0	70.0	70.7	70.7	70.7	70.7	71.3
14000	8.7	64.7	67.3	69.3	69.3	69.3	70.0	70.0	70.0	70.7	70.7	70.7	70.7	71.3
12000	8.7	64.7	67.3	69.3	69.3	69.3	70.0	70.0	70.0	70.7	70.7	70.7	70.7	71.3
10000	9.3	66.7	69.3	71.3	71.3	71.3	72.0	72.0	72.0	72.7	72.7	72.7	72.7	73.3
9000	9.3	66.7	69.3	71.3	71.3	71.3	72.0	72.0	72.0	72.7	72.7	72.7	72.7	73.3
8000	9.3	68.0	70.7	72.7	72.7	72.7	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.7
7000	9.3	68.7	71.3	73.3	73.3	73.3	74.0	74.7	74.7	75.3	75.3	75.3	75.3	76.0
6000	9.3	69.3	72.0	74.7	74.7	74.7	75.3	76.0	76.0	76.7	76.7	76.7	76.7	77.3
5000	9.3	71.3	74.0	76.7	76.7	76.7	77.3	78.0	78.0	78.7	78.7	78.7	78.7	79.3
4500	10.0	72.0	74.7	77.3	77.3	77.3	78.0	78.7	78.7	79.3	79.3	79.3	79.3	80.0
4000	10.0	72.0	74.7	77.3	77.3	77.3	78.0	78.7	78.7	79.3	79.3	79.3	79.3	80.0
3500	10.0	72.0	74.7	77.3	77.3	77.3	78.0	78.7	78.7	79.3	79.3	79.3	79.3	80.0
3000	10.0	72.0	74.7	77.3	77.3	77.3	78.0	78.7	78.7	79.3	79.3	79.3	79.3	80.0
2500	10.7	74.7	78.0	80.7	80.7	80.7	81.3	82.0	82.0	82.7	82.7	82.7	82.7	83.3
2000	10.7	78.0	81.3	84.0	84.0	84.0	84.7	85.3	85.3	86.0	86.0	86.0	86.0	86.7
1800	10.7	78.7	82.0	84.7	84.7	84.7	85.3	86.0	86.0	86.7	86.7	86.7	86.7	87.3
1600	10.7	79.3	82.7	85.3	85.3	85.3	86.0	86.7	86.7	87.3	87.3	87.3	87.3	88.0
1400	10.7	80.0	83.3	86.0	86.0	86.0	86.7	87.3	87.3	88.0	88.0	88.0	88.0	88.7
1200	10.7	80.0	83.3	86.0	86.0	86.0	86.7	87.3	87.3	88.0	88.0	88.0	88.0	88.7
1000	10.7	80.0	83.3	86.0	86.0	86.0	86.7	87.3	87.3	88.0	88.0	88.0	88.0	88.7
900	10.7	80.0	83.3	86.0	86.0	86.0	86.7	87.3	87.3	88.0	88.0	88.0	88.0	88.7
800	10.7	80.7	84.0	86.7	86.7	86.7	87.3	88.0	88.0	88.7	88.7	88.7	88.7	89.3
700	11.3	81.3	85.3	88.0	88.0	88.0	88.7	89.3	89.3	90.0	90.0	90.0	90.0	90.7
600	11.3	81.3	85.3	88.0	88.0	88.0	88.7	89.3	89.3	90.0	90.0	90.0	90.0	90.7
500	11.3	82.7	86.7	90.0	90.0	90.0	90.7	91.3	91.3	92.0	92.0	92.0	92.0	92.7
400	11.3	82.7	86.7	90.0	90.0	90.0	90.7	91.3	91.3	92.0	92.0	92.0	92.0	92.7
300	11.3	82.7	86.7	90.0	90.0	90.0	90.7	91.3	91.3	92.0	92.0	92.0	92.0	92.7
200	11.3	82.7	86.7	90.0	90.0	90.0	90.7	91.3	91.3	92.0	92.0	92.0	92.0	92.7
100	11.3	82.7	86.7	90.0	90.0	90.0	90.7	91.3	91.3	92.0	92.0	92.0	92.0	92.7
0	11.3	82.7	86.7	90.0	90.0	90.0	90.7	91.3	91.3	92.0	92.0	92.0	92.0	92.7

TOTAL NUMBER OF OBSERVATIONS

130

DIRNAVOCENMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855

STATION

73-77

YEARS

NOV

PENSACOLA, FLORIDA

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	8.7	56.7	60.7	60.7	60.7	61.3	62.7	62.7	62.7	62.7	62.7	62.7	64.0	65.3
≥ 20000	9.3	60.7	64.7	64.7	64.7	65.3	66.7	66.7	66.7	66.7	66.7	66.7	68.0	69.3
≥ 18000	9.3	60.7	64.7	64.7	64.7	65.3	66.7	66.7	66.7	66.7	66.7	66.7	68.0	69.3
≥ 16000	9.3	60.7	64.7	64.7	64.7	65.3	66.7	66.7	66.7	66.7	66.7	66.7	68.0	69.3
≥ 14000	9.3	60.7	64.7	64.7	64.7	65.3	66.7	66.7	66.7	66.7	66.7	66.7	68.0	69.3
≥ 12000	9.3	60.7	64.7	64.7	64.7	65.3	66.7	66.7	66.7	66.7	66.7	66.7	68.0	69.3
≥ 10000	9.3	62.7	66.7	66.7	66.7	67.3	68.0	69.3	69.3	70.0	70.0	70.0	71.3	72.7
≥ 9000	9.3	62.7	66.7	67.3	67.3	67.3	68.0	69.3	69.3	70.0	70.0	70.0	71.3	72.7
≥ 8000	9.3	64.0	68.0	68.0	68.0	68.0	68.7	69.3	69.3	70.0	70.0	70.0	71.3	72.7
≥ 7000	9.3	64.0	68.0	68.0	68.0	68.0	68.7	69.3	69.3	70.0	70.0	70.0	71.3	72.7
≥ 6000	9.3	64.0	68.0	68.0	68.0	68.0	68.7	69.3	69.3	70.0	70.0	70.0	71.3	72.7
≥ 5000	9.3	65.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	71.3	72.7
≥ 4500	10.0	66.7	70.7	71.3	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.3	74.7
≥ 4000	10.0	66.7	70.7	71.3	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.3	74.7
≥ 3500	10.0	66.7	70.7	71.3	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.3	74.7
≥ 3000	10.0	67.3	71.3	72.0	72.0	73.3	74.7	74.7	74.7	75.3	75.3	75.3	76.7	78.0
≥ 2500	10.0	68.0	72.0	72.7	72.7	74.0	75.3	75.3	75.3	76.0	76.0	76.0	77.3	78.7
≥ 2000	10.7	69.3	73.3	74.0	74.0	75.3	76.7	76.7	76.7	77.3	77.3	77.3	78.7	80.0
≥ 1800	11.3	72.7	76.7	77.3	77.3	78.7	80.0	80.0	80.0	80.7	80.7	80.7	82.0	83.3
≥ 1500	11.3	72.7	76.7	77.3	77.3	78.7	80.0	80.0	80.0	80.7	80.7	80.7	82.0	83.3
≥ 1200	12.0	75.3	79.3	80.0	80.0	81.3	82.7	82.7	82.7	83.3	83.3	83.3	84.7	86.0
≥ 1000	12.0	75.3	79.3	80.0	80.0	81.3	82.7	82.7	82.7	83.3	83.3	83.3	84.7	86.0
≥ 900	12.0	76.0	80.0	80.7	80.7	82.0	84.0	84.0	84.0	84.7	84.7	84.7	86.0	87.3
≥ 800	12.0	77.3	81.3	82.0	82.0	83.3	85.3	85.3	85.3	86.0	86.0	86.0	87.3	88.7
≥ 700	12.0	77.3	82.0	82.7	82.7	84.0	86.7	86.7	86.7	87.3	87.3	87.3	88.7	90.0
≥ 600	12.0	78.0	82.7	83.3	83.3	84.7	87.3	87.3	87.3	88.0	88.0	88.0	89.3	90.7
≥ 500	12.0	78.0	83.3	84.0	84.0	85.3	88.0	88.0	88.0	88.7	88.7	88.7	90.0	91.3
≥ 400	12.0	78.0	83.3	84.0	84.0	85.3	88.0	88.0	88.0	88.7	88.7	88.7	90.0	91.3
≥ 300	12.0	78.0	83.3	84.0	84.0	85.3	88.0	88.0	88.0	88.7	88.7	88.7	90.0	91.3
≥ 200	12.0	80.0	84.7	85.3	86.0	88.0	91.3	91.3	91.3	92.0	92.0	92.0	93.3	94.7
≥ 100	12.0	80.0	84.7	85.3	86.0	88.0	91.3	91.3	91.3	92.0	92.0	92.0	93.3	94.7
0	12.0	80.0	84.7	85.3	86.0	88.0	91.3	91.3	91.3	92.0	92.0	92.0	93.3	94.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNA VOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

NOV
MONTH

06

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	8.7	42.0	45.3	46.7	48.0	48.0	48.7	49.3	49.3	50.0	50.7	51.3	52.0
≥ 20000	9.3	45.3	48.7	50.0	51.3	51.3	52.0	52.7	52.7	53.3	54.0	54.7	55.3
≥ 18000	9.3	45.3	48.7	50.0	51.3	51.3	52.0	52.7	52.7	53.3	54.0	54.7	55.3
≥ 16000	9.3	45.3	48.7	50.0	51.3	51.3	52.0	52.7	52.7	53.3	54.0	54.7	55.3
≥ 14000	9.3	45.3	48.7	50.0	51.3	51.3	52.0	52.7	52.7	53.3	54.0	54.7	55.3
≥ 12000	9.3	48.0	51.3	52.7	54.0	54.0	54.7	56.0	56.0	56.7	57.3	58.0	58.7
≥ 10000	9.3	50.0	53.3	56.7	56.7	56.7	57.3	58.7	58.7	59.3	60.0	60.7	61.3
≥ 9000	9.3	50.0	53.3	54.7	56.7	56.7	57.3	58.7	58.7	59.3	60.0	60.7	61.3
≥ 8000	9.3	52.7	56.0	57.3	60.0	60.0	60.7	62.0	62.0	63.3	64.0	64.7	65.3
≥ 7000	9.3	52.7	56.0	57.3	60.0	60.0	60.7	62.0	62.0	63.3	64.0	64.7	65.3
≥ 6000	9.3	52.7	56.0	57.3	60.0	60.0	60.7	62.0	62.0	63.3	64.0	64.7	65.3
≥ 5000	10.0	53.3	56.7	58.0	60.7	60.7	61.3	62.7	62.7	64.0	64.7	65.3	66.0
≥ 4500	10.7	55.3	59.3	60.7	63.3	63.3	64.0	65.3	65.3	66.7	67.3	68.0	68.7
≥ 4000	10.7	55.3	59.3	60.7	63.3	63.3	64.0	65.3	65.3	66.7	67.3	68.0	68.7
≥ 3500	10.7	55.3	59.3	61.3	64.0	64.0	64.7	66.0	66.0	67.3	68.0	68.7	69.3
≥ 3000	10.7	56.0	60.0	62.0	64.7	64.7	65.3	66.7	66.7	68.0	68.7	69.3	70.0
≥ 2500	10.7	56.7	61.3	63.3	66.0	66.0	66.7	68.0	68.0	69.3	70.0	70.7	71.3
≥ 2000	10.7	59.3	64.0	66.7	69.3	69.3	70.7	72.0	72.0	73.3	74.0	74.7	75.3
≥ 1800	10.7	59.3	64.0	66.7	69.3	69.3	70.7	72.0	72.0	73.3	74.0	74.7	75.3
≥ 1500	12.0	64.0	68.7	71.3	74.0	74.0	75.3	76.7	76.7	78.0	78.7	79.3	80.0
≥ 1200	12.0	67.3	72.0	74.7	77.3	77.3	78.7	80.0	80.0	81.3	82.0	82.7	83.3
≥ 1000	12.0	69.3	74.7	77.3	80.0	80.0	81.3	82.7	82.7	84.0	84.7	85.3	86.0
≥ 900	12.0	69.3	74.7	77.3	80.0	80.0	81.3	82.7	82.7	84.0	84.7	85.3	86.0
≥ 800	12.0	69.3	74.7	77.3	80.0	80.0	81.3	82.7	82.7	84.0	84.7	85.3	86.0
≥ 700	12.0	69.3	75.3	78.0	80.7	80.7	82.0	83.3	83.3	84.7	85.3	86.0	86.7
≥ 600	12.0	69.3	75.3	78.0	80.7	80.7	82.0	83.3	83.3	84.7	85.3	86.0	86.7
≥ 500	12.0	69.3	75.3	78.0	80.7	80.7	82.0	83.3	83.3	84.7	85.3	86.0	86.7
≥ 400	12.0	70.7	76.7	79.3	82.7	82.7	84.7	86.0	86.0	88.0	88.7	89.3	90.0
≥ 300	12.0	71.3	77.3	80.0	84.0	84.0	86.0	87.3	87.3	90.0	91.3	92.0	92.7
≥ 200	12.0	71.3	77.3	80.0	84.7	84.7	87.3	88.7	88.7	92.0	93.3	94.0	94.7
≥ 100	12.0	71.3	77.3	80.0	84.7	84.7	88.0	89.3	89.3	92.7	94.7	95.3	96.7
0	12.0	71.3	77.3	80.0	84.7	84.7	88.0	89.3	89.3	92.7	94.7	95.3	96.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	10.0	42.7	45.3	44.0	47.3	47.3	47.3	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	10.0	51.3	54.0	54.7	56.0	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7
≥ 18000	10.0	51.3	54.0	54.7	56.0	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7
≥ 16000	10.0	51.3	54.0	54.7	56.0	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7
≥ 14000	10.0	51.3	54.0	54.7	56.0	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7
≥ 12000	10.0	52.7	55.3	56.0	57.3	57.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0
≥ 10000	10.0	54.0	56.7	57.3	58.7	58.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3
≥ 9000	10.0	54.7	57.3	58.0	59.3	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000	10.0	55.3	58.0	59.3	60.7	61.3	61.3	62.0	62.0	62.0	62.0	62.0	62.0
≥ 7000	10.0	57.3	60.0	61.3	62.7	63.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0
≥ 6000	10.0	57.3	60.0	61.3	62.7	63.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0
≥ 5000	10.0	60.0	62.7	64.0	65.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4500	10.0	62.0	64.7	66.0	67.3	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000	10.0	62.0	64.7	66.0	68.0	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3
≥ 3500	10.0	62.0	64.7	66.0	68.0	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3
≥ 3000	10.0	63.3	66.0	68.0	69.3	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7
≥ 2500	10.7	64.0	67.3	70.0	71.3	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7
≥ 2000	10.7	66.0	71.3	74.0	76.0	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1800	10.7	66.7	72.0	74.7	76.7	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1500	10.7	69.3	76.0	78.7	80.7	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1200	10.7	70.7	77.3	80.0	82.7	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1000	10.7	72.0	78.7	81.3	84.0	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3
≥ 900	10.7	72.7	80.0	83.3	86.0	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3
≥ 800	10.7	73.3	80.7	84.0	86.7	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0
≥ 700	11.3	74.0	81.3	84.7	87.3	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7
≥ 600	11.3	75.3	82.7	86.0	90.0	90.7	90.7	91.3	91.3	92.0	92.0	92.0	92.0
≥ 500	11.3	76.0	83.3	86.7	91.3	92.0	92.0	92.7	93.3	93.3	93.3	93.3	93.3
≥ 400	11.3	76.0	83.3	86.7	92.0	92.7	93.3	94.0	94.7	94.7	95.3	95.3	95.3
≥ 300	11.3	76.0	83.3	86.7	92.0	92.7	93.3	94.0	94.0	95.3	96.0	96.7	96.7
≥ 200	11.3	76.0	83.3	86.7	92.0	93.3	94.0	94.7	94.7	96.0	97.3	98.7	98.7
≥ 100	11.3	76.0	83.3	86.7	92.0	93.3	94.0	94.7	94.7	96.0	97.3	98.7	98.7
0	11.3	76.0	83.3	86.7	92.0	93.3	94.0	94.7	94.7	96.0	97.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼
NO CEILING	12.0	50.0	50.7	56.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	14.0	59.3	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	14.0	59.3	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	14.0	59.3	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	14.0	60.0	61.3	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 12000	14.0	60.0	61.3	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 10000	14.7	60.7	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	14.7	61.3	62.7	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 8000	14.7	64.0	65.3	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 7000	14.7	64.0	65.3	66.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 6000	14.7	64.0	65.3	66.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 5000	15.3	66.7	68.0	68.7	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4500	15.3	68.0	69.3	70.0	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4000	15.3	68.0	69.3	70.0	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3500	16.0	69.3	70.7	71.3	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	16.0	70.7	72.0	72.7	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 2500	16.0	71.3	74.0	74.7	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 2000	16.0	74.0	76.7	77.3	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1800	16.0	74.0	76.7	77.3	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1500	16.0	75.3	78.7	80.0	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1200	16.0	77.3	81.3	82.7	84.7	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1000	16.0	80.7	84.7	86.7	88.7	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	16.0	82.7	86.7	88.7	90.7	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	16.0	82.7	86.7	88.7	90.7	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 700	16.0	82.7	86.7	88.7	90.7	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 600	16.0	84.0	88.7	90.7	92.7	92.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	16.0	84.0	89.3	91.3	93.3	93.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	16.0	84.0	89.3	91.3	94.7	94.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	16.0	84.0	89.3	91.3	94.7	94.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	16.0	84.0	89.3	92.0	95.3	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	16.0	84.0	89.3	92.0	95.3	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0	16.0	84.0	89.3	92.0	95.3	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

NOV
MONTH

15

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	15.3	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	15.3	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	15.3	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	15.3	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	15.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	15.3	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000	15.3	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	15.3	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	15.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	15.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	15.3	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	15.3	74.7	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4000	15.3	75.3	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	15.3	77.3	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	15.3	78.0	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	15.3	79.3	82.0	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	15.3	80.7	84.0	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	15.3	81.3	84.7	86.0	86.7	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500	15.3	83.3	86.7	88.0	88.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	15.3	85.3	88.7	90.0	91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	15.3	86.0	90.0	91.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	15.3	86.0	90.0	91.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	15.3	86.7	90.7	92.0	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	15.3	86.7	90.7	92.0	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	15.3	88.0	92.7	94.0	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	15.3	88.0	92.7	94.0	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	15.3	88.0	92.7	94.7	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	15.3	88.0	92.7	94.7	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	15.3	88.0	92.7	94.7	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	15.3	88.0	92.7	94.7	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
0	15.3	88.0	92.7	94.7	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

NOV
MONTH

18
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	9.3	54.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	10.7	59.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
18000	10.7	59.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
16000	10.7	59.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
14000	10.7	59.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
12000	12.0	60.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
10000	12.0	65.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
9000	12.0	66.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
8000	12.0	68.0	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
7000	12.0	69.3	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
6000	12.0	69.3	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
5000	12.0	70.7	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
4500	12.0	70.7	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
4000	12.0	72.0	75.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
3500	12.0	72.0	75.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
3000	12.0	75.3	78.7	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
2500	12.0	78.7	82.7	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
2000	12.0	79.3	84.0	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
1800	12.0	79.3	84.0	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
1500	12.0	80.0	85.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
1200	12.0	80.7	86.0	88.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1000	12.0	81.3	86.7	90.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
900	12.0	82.0	88.0	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
800	12.0	82.7	88.7	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
700	12.0	82.7	88.7	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
600	12.0	82.7	88.7	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
500	12.0	83.3	89.3	92.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
400	12.0	84.0	90.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
300	12.0	84.0	90.7	94.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
200	12.0	84.0	90.7	94.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
100	12.0	84.0	90.7	94.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
0	12.0	84.0	90.7	94.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03555
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	5.3	50.7	52.7	63.3	63.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	10.7	66.7	69.3	70.0	70.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	10.7	66.7	69.3	70.0	70.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7
≥ 16000	10.7	66.7	69.3	70.0	70.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7
≥ 14000	10.7	66.7	69.3	70.0	70.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7
≥ 12000	10.7	66.7	69.3	70.0	70.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7
≥ 10000	10.7	68.7	71.3	72.0	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 9000	10.7	68.7	72.7	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	10.7	69.3	73.3	74.0	74.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	10.7	70.7	74.7	75.3	75.3	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	10.7	72.7	76.7	77.3	77.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	10.7	72.7	76.7	77.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	10.7	73.3	77.3	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	10.7	74.7	78.7	79.3	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	10.7	75.3	79.3	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	10.7	78.0	82.0	82.7	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	10.7	79.3	83.3	84.0	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	10.7	80.7	84.7	85.3	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	10.7	81.3	85.3	86.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	10.7	81.3	85.3	86.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	10.7	82.7	87.3	88.7	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	10.7	83.3	88.0	89.3	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	10.7	84.0	89.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	10.7	84.0	89.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	10.7	84.7	90.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 600	10.7	84.7	90.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 500	10.7	84.7	90.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 400	10.7	84.7	90.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 300	10.7	85.3	90.7	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 200	10.7	85.3	90.7	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 100	10.7	85.3	90.7	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 0	10.7	85.3	90.7	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	10.0	52.4	54.7	55.2	55.6	55.7	56.1	56.3	56.4	56.5	56.6	56.8	57.5
≥ 20000	11.0	58.6	61.1	61.7	62.1	62.2	62.6	62.8	62.8	62.9	63.0	63.3	64.0
≥ 18000	11.0	58.6	61.1	61.7	62.1	62.2	62.6	62.8	62.8	62.9	63.0	63.3	64.0
≥ 16000	11.0	58.6	61.1	61.7	62.1	62.2	62.6	62.8	62.8	62.9	63.0	63.3	64.0
≥ 14000	11.0	58.6	61.1	61.7	62.1	62.2	62.6	62.8	62.8	62.9	63.0	63.3	64.0
≥ 12000	11.2	59.6	62.1	62.7	63.1	63.3	63.7	63.9	63.9	64.2	64.3	64.6	65.3
≥ 10000	11.3	61.8	64.3	64.9	65.4	65.6	66.0	66.3	66.3	66.5	66.6	66.9	67.7
≥ 9000	11.3	62.0	64.7	65.4	65.9	66.2	66.6	66.8	66.8	67.1	67.2	67.5	68.3
≥ 8000	11.3	64.0	66.7	67.6	68.2	68.4	68.8	69.1	69.1	69.4	69.5	69.8	70.6
≥ 7000	11.3	65.0	67.7	68.6	69.3	69.6	70.0	70.3	70.6	70.7	70.8	71.0	71.8
≥ 6000	11.3	65.3	68.0	69.0	69.7	70.0	70.4	70.7	71.0	71.1	71.2	71.4	72.2
≥ 5000	11.5	66.8	69.6	70.8	71.5	71.8	72.3	72.6	72.9	73.0	73.1	73.3	74.1
≥ 4500	11.6	67.8	70.8	71.9	72.7	73.0	73.5	73.8	74.1	74.2	74.3	74.5	75.3
≥ 4000	11.8	68.3	71.3	72.6	73.3	73.7	74.2	74.4	74.8	74.8	74.9	75.2	75.9
≥ 3500	11.6	68.8	71.9	73.3	74.1	74.4	74.9	75.2	75.5	75.6	75.7	75.9	76.7
≥ 3000	11.8	70.2	73.3	74.8	75.6	75.9	76.4	76.7	76.7	77.0	77.1	77.4	78.2
≥ 2500	12.1	71.7	75.3	76.8	77.8	78.1	78.6	78.8	78.8	79.2	79.3	79.6	80.3
≥ 2000	12.2	73.8	77.8	79.6	80.7	81.1	81.8	82.0	82.0	82.3	82.4	82.8	83.6
≥ 1800	12.2	74.2	78.2	79.9	81.0	81.4	82.1	82.3	82.7	82.8	82.8	83.2	83.9
≥ 1600	12.4	76.0	80.3	82.2	83.3	83.8	84.5	84.8	84.8	85.1	85.2	85.6	86.3
≥ 1400	12.4	77.4	81.9	83.9	85.3	85.7	86.5	86.8	87.1	87.2	87.3	87.6	88.3
≥ 1200	12.4	78.6	83.3	85.3	86.8	87.2	88.2	88.4	88.4	88.8	88.9	89.3	90.0
≥ 1000	12.4	79.3	84.2	86.3	87.8	88.2	89.2	89.4	89.4	89.8	89.9	90.3	91.0
≥ 900	12.4	79.6	84.6	86.8	88.2	88.6	89.7	89.9	89.9	90.3	90.4	90.8	91.5
≥ 800	12.6	79.9	85.1	87.3	88.7	89.1	90.3	90.5	90.5	90.9	91.0	91.3	92.1
≥ 700	12.6	80.4	85.8	88.0	89.7	90.1	91.3	91.5	91.5	92.0	92.1	92.6	93.3
≥ 600	12.6	80.8	86.3	88.5	90.3	90.8	91.9	92.2	92.2	92.7	92.8	93.3	94.0
≥ 500	12.6	81.1	86.6	88.9	91.2	91.7	93.1	93.3	93.3	94.1	94.2	94.8	95.5
≥ 400	12.6	81.3	86.8	89.3	91.8	92.3	93.6	94.1	94.1	95.1	95.4	96.0	96.8
≥ 300	12.6	81.4	86.9	89.4	92.1	92.8	94.4	94.8	94.8	96.0	96.6	97.3	98.1
≥ 200	12.6	81.4	86.9	89.4	92.1	92.8	94.6	95.0	95.0	96.3	96.9	98.0	99.0
≥ 100	12.6	81.4	86.9	89.4	92.1	92.8	94.6	95.0	95.0	96.3	97.1	98.2	99.0
0	12.6	81.4	86.9	89.4	92.1	92.8	94.6	95.0	95.0	96.3	97.1	98.2	99.0

1200

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	16.8	47.1	48.4	49.7	49.7	49.7	49.7	50.3	50.3	50.3	50.3
≥ 20000	18.1	51.6	52.9	54.2	54.2	54.2	54.2	54.8	54.8	54.8	54.8
≥ 18000	18.1	51.6	52.9	54.2	54.2	54.2	54.2	54.8	54.8	54.8	54.8
≥ 16000	18.1	51.6	52.9	54.2	54.2	54.2	54.2	54.8	54.8	54.8	54.8
≥ 14000	18.1	52.9	54.2	55.5	55.5	55.5	55.5	56.1	56.1	56.1	56.1
≥ 12000	18.7	54.8	56.1	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1
≥ 10000	18.7	56.8	58.7	60.7	60.7	60.7	60.7	61.3	61.3	61.3	61.3
≥ 9000	18.7	57.4	59.4	61.3	61.3	61.3	61.3	61.9	61.9	61.9	61.9
≥ 8000	18.7	59.4	62.6	64.5	64.5	64.5	64.5	65.8	65.8	65.8	65.8
≥ 7000	18.7	60.7	64.5	66.5	66.5	66.5	66.5	67.7	67.7	67.7	67.7
≥ 6000	18.7	61.3	65.2	67.1	67.1	67.1	67.1	68.4	68.4	68.4	68.4
≥ 5000	19.4	63.2	67.1	69.0	69.0	69.0	69.0	70.3	70.3	70.3	70.3
≥ 4500	19.4	64.5	68.4	70.3	70.3	70.3	70.3	71.6	71.6	71.6	71.6
≥ 4000	19.4	67.1	71.0	72.9	72.9	72.9	72.9	74.2	74.2	74.2	74.2
≥ 3500	19.4	67.1	71.0	72.9	73.6	73.6	73.6	74.2	74.2	74.2	74.2
≥ 3000	19.4	67.7	72.3	74.2	74.8	74.8	74.8	75.5	75.5	75.5	75.5
≥ 2500	20.7	69.7	74.2	76.1	76.8	76.8	76.8	77.4	77.4	77.4	77.4
≥ 2000	21.3	74.8	79.4	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6
≥ 1800	21.3	74.8	79.4	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6
≥ 1500	21.3	76.1	80.7	82.6	83.2	83.2	83.2	83.9	83.9	83.9	83.9
≥ 1200	21.3	78.1	83.2	85.2	85.8	85.8	85.8	86.5	86.5	86.5	86.5
≥ 1000	21.3	78.1	83.9	85.8	87.1	87.1	87.1	87.7	87.7	87.7	87.7
≥ 900	21.3	76.7	84.5	86.5	87.7	87.7	87.7	88.4	88.4	88.4	88.4
≥ 800	21.3	79.4	85.2	87.7	89.0	89.0	89.0	89.7	89.7	89.7	89.7
≥ 700	21.3	80.7	86.5	89.0	90.3	90.3	90.3	91.0	91.0	91.0	91.0
≥ 600	21.3	80.7	86.5	89.7	91.0	91.0	91.0	91.6	91.6	91.6	91.6
≥ 500	21.3	80.7	87.7	91.6	92.9	92.9	92.9	93.6	93.6	93.6	93.6
≥ 400	21.3	80.7	87.7	91.6	92.9	93.6	94.2	94.8	94.8	94.8	94.8
≥ 300	21.3	81.3	88.4	92.3	93.6	94.2	94.8	95.5	95.5	95.5	95.5
≥ 200	21.3	81.3	88.4	92.3	93.6	94.2	94.8	95.5	95.5	95.5	95.5
≥ 100	21.3	81.3	88.4	92.3	93.6	94.2	95.5	96.1	96.1	96.1	96.1
0	21.3	81.3	88.4	92.3	93.6	94.2	95.5	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

DEC
MONTH

03
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	14.2	46.5	47.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	51.0	51.0	51.0	51.0
≥ 20000	15.1	52.3	53.6	55.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.4	57.4	57.4	57.4
18000	16.1	52.3	53.6	55.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.4	57.4	57.4	57.4
16000	16.1	52.3	53.6	55.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.4	57.4	57.4	57.4
14000	16.1	52.9	54.2	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1
12000	16.1	52.9	54.2	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1
10000	16.1	54.2	55.5	58.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.0	60.0	60.0	60.0
9000	16.1	54.2	55.5	58.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.0	60.0	60.0	60.0
8000	16.8	56.1	57.4	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.6	62.6	62.6	62.6
7000	16.8	58.1	59.4	61.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.5	64.5	64.5	64.5
6000	16.8	58.7	60.0	62.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	65.2	65.2	65.2	65.2
5000	17.4	61.9	63.2	66.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.7	69.7	69.7	69.7
4500	17.4	63.2	64.5	67.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.0
4000	17.4	64.5	65.8	69.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3
3500	17.4	64.5	65.8	69.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3
3000	18.1	66.5	67.7	71.0	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2
2500	18.7	68.4	69.7	73.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.1	76.1	76.1	76.1
2000	18.7	69.7	71.0	75.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	79.4	79.4	79.4	79.4
1800	18.7	69.7	71.0	75.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	79.4	79.4	79.4	79.4
1500	19.4	76.1	78.1	81.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	85.8	85.8	85.8	85.8
1200	19.4	76.1	78.1	81.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	85.8	85.8	85.8	85.8
1000	20.7	78.1	80.0	83.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.7	87.7	87.7	87.7
900	20.7	78.1	80.0	84.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	88.4	88.4	88.4	88.4
800	20.7	78.1	80.0	84.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	88.4	88.4	88.4	88.4
700	20.7	78.1	80.7	85.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	89.0	89.0	89.0	89.0
600	20.7	78.1	81.3	86.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	90.3	90.3	90.3	90.3
500	20.7	78.7	81.3	86.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	91.0	91.0	91.0	91.0
400	20.7	78.7	81.3	87.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	91.6	91.6	91.6	91.6
300	20.7	78.7	81.3	87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	92.3	92.3	92.3	92.3
200	20.7	78.7	81.3	87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	92.9	92.9	92.9	92.9
100	20.7	78.7	81.3	87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	94.2	94.2	94.2	94.2
0	20.7	78.7	81.3	87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 135

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEAR

DEC
MONTH

06
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	12.3	48.7	48.7	50.0	50.0	50.0	50.0	50.7	50.7	50.7	50.7
≥ 20000	12.3	52.6	52.6	53.9	53.9	53.9	53.9	54.6	54.6	54.6	54.6
≥ 18000	12.3	52.6	52.6	53.9	53.9	53.9	53.9	54.6	54.6	54.6	54.6
≥ 16000	12.3	52.6	52.6	53.9	53.9	53.9	53.9	54.6	54.6	54.6	54.6
≥ 14000	12.3	52.6	52.6	53.9	53.9	53.9	53.9	54.6	54.6	54.6	54.6
≥ 12000	13.0	53.9	53.9	55.2	55.2	55.2	55.2	55.8	55.8	55.8	55.8
≥ 10000	13.6	58.4	59.1	60.4	60.4	60.4	60.4	61.0	61.0	61.0	61.0
≥ 9000	13.6	58.4	59.1	60.4	60.4	60.4	60.4	61.0	61.0	61.0	61.0
≥ 8000	14.3	59.7	60.4	61.7	61.7	61.7	61.7	62.3	62.3	62.3	62.3
≥ 7000	14.9	61.7	62.3	63.6	63.6	63.6	63.6	64.3	64.3	64.3	64.3
≥ 6000	14.9	62.3	63.0	64.9	64.9	64.9	64.9	65.6	65.6	65.6	65.6
≥ 5000	14.9	62.3	63.0	64.9	64.9	64.9	64.9	65.6	65.6	65.6	65.6
≥ 4500	15.6	65.6	66.2	68.2	68.2	68.2	68.2	68.8	68.8	68.8	68.8
≥ 4000	15.6	67.5	68.2	70.1	70.1	70.1	70.1	70.8	70.8	70.8	70.8
≥ 3500	15.6	67.5	68.2	70.1	70.1	70.1	70.1	70.8	70.8	70.8	70.8
≥ 3000	15.6	68.2	68.8	70.8	70.8	70.8	70.8	71.4	71.4	71.4	71.4
≥ 2500	16.2	69.5	70.1	72.1	72.1	72.1	72.1	72.7	72.7	72.7	72.7
≥ 2000	16.2	70.8	72.1	74.0	74.0	74.0	74.0	74.7	74.7	74.7	74.7
≥ 1800	16.2	72.1	73.4	75.3	75.3	75.3	75.3	76.0	76.0	76.0	76.0
≥ 1500	16.9	75.3	76.6	79.2	79.2	79.2	79.2	79.9	79.9	79.9	79.9
≥ 1200	16.9	76.0	77.3	79.9	79.9	80.5	80.5	81.2	81.2	81.2	81.2
≥ 1000	17.5	77.9	79.2	82.5	82.5	83.8	83.8	84.4	84.4	84.4	84.4
≥ 900	17.5	77.9	79.2	82.5	82.5	84.4	84.4	85.1	85.1	85.1	85.1
≥ 800	17.5	77.9	79.2	82.5	82.5	84.4	84.4	85.1	85.1	85.1	85.1
≥ 700	18.2	80.5	81.8	85.1	85.1	87.7	87.7	88.3	88.3	88.3	88.3
≥ 600	18.2	81.2	82.5	85.7	85.7	88.3	88.3	89.0	89.0	89.0	89.0
≥ 500	18.2	81.2	83.1	86.4	86.4	89.0	89.0	90.3	90.3	90.3	90.3
≥ 400	18.2	81.2	83.1	86.4	86.4	89.0	89.0	90.3	90.3	90.3	90.3
≥ 300	18.2	81.8	83.8	87.0	87.0	90.3	90.3	92.2	92.2	92.2	92.2
≥ 200	18.2	81.8	83.8	87.0	87.0	90.3	90.3	92.2	92.2	92.2	92.2
≥ 100	18.2	81.8	83.8	87.0	87.0	90.3	90.3	92.2	92.2	92.2	92.2
0	18.2	81.8	83.8	87.0	87.0	90.3	90.3	92.2	92.2	92.2	92.2

TOTAL NUMBER OF OBSERVATIONS

154

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC.

03055
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.6	47.7	49.7	49.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	12.3	51.0	54.2	54.2	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000	12.3	51.0	54.2	54.2	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	12.3	51.0	54.2	54.2	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000	12.3	51.6	55.5	55.5	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	12.3	54.2	58.1	58.1	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	12.3	56.1	60.0	60.0	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	12.3	56.8	60.7	60.7	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	12.3	58.7	62.6	62.6	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	12.3	60.0	63.9	63.9	65.8	65.8	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 6000	12.3	60.7	64.5	64.5	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	12.3	63.2	67.1	67.1	69.0	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	12.3	64.5	68.4	68.4	71.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	12.3	64.5	68.4	69.0	71.0	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	12.3	65.8	69.7	70.3	72.3	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	12.3	67.1	71.0	73.6	75.5	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	12.3	67.7	72.3	74.2	76.1	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2000	12.3	68.4	72.9	74.8	76.8	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800	12.3	68.4	72.9	74.8	76.8	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500	12.3	71.0	75.5	77.4	79.4	81.3	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1200	12.3	72.3	76.8	78.7	80.7	82.6	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	12.3	72.9	77.4	80.0	82.6	84.5	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5
≥ 900	12.3	73.6	78.7	81.3	83.9	85.8	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7
≥ 800	12.3	74.2	79.4	82.6	85.2	87.1	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0
≥ 700	12.3	74.8	80.0	83.2	85.8	87.7	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7
≥ 600	12.3	76.1	81.3	84.5	87.7	89.7	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6
≥ 500	12.3	76.8	81.9	85.8	89.0	91.0	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	12.3	76.8	81.9	86.5	89.7	91.6	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6
≥ 300	12.3	76.8	81.9	86.5	89.7	91.6	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6
≥ 200	12.3	76.8	81.9	86.5	90.3	92.3	94.2	94.2	96.1	96.8	96.8	96.8	96.8	96.8
≥ 100	12.3	76.8	81.9	86.5	90.3	92.3	94.2	94.2	96.8	97.4	97.4	98.1	98.1	98.7
≥ 0	12.3	76.8	81.9	86.5	90.3	92.3	94.2	94.2	96.8	97.4	97.4	98.1	98.1	100.0

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

DEC
MONTH

12
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	14.2	49.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	16.8	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	16.8	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 16000	16.8	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	16.8	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	16.8	61.3	61.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	17.4	62.6	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 9000	17.4	62.6	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 8000	17.4	64.5	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	17.4	64.5	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 6000	17.4	64.5	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 5000	17.4	68.4	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	17.4	69.0	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4000	17.4	69.7	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	17.4	70.3	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3000	17.4	71.6	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	17.4	72.9	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2000	17.4	72.9	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1800	17.4	73.6	75.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1500	17.4	76.1	78.7	80.0	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	17.4	76.8	80.7	81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1000	17.4	77.4	81.3	83.2	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900	17.4	78.1	81.9	83.9	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 800	17.4	78.7	83.2	85.8	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 700	17.4	80.0	84.5	87.1	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 600	17.4	80.7	85.8	89.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 500	17.4	81.9	87.1	90.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 400	17.4	82.6	87.7	91.0	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	17.4	82.6	87.7	91.6	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 200	17.4	82.6	87.7	91.6	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 100	17.4	82.6	87.7	91.6	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
0	17.4	82.6	87.7	91.6	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

135

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION
03855

STATION NAME
PENSACOLA, FLORIDA

YEARS
73-77

MONTH
DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	15.5	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 20000	16.8	54.8	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	16.8	54.8	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	16.8	54.8	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000	16.8	54.8	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	16.8	57.4	58.1	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	16.8	59.4	60.0	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	16.8	60.0	60.7	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	16.8	61.9	62.6	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	16.8	62.6	63.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 6000	16.8	64.5	65.2	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	16.8	66.5	67.1	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500	16.8	69.0	69.7	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	16.8	71.0	71.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	16.8	72.9	73.6	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000	16.8	74.2	75.5	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	16.8	76.8	78.1	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	17.4	78.1	79.4	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800	17.4	78.1	79.4	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1500	17.4	79.4	80.7	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	17.4	80.7	81.9	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1000	17.4	81.9	83.2	86.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	17.4	81.9	83.9	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	17.4	81.9	83.9	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 700	17.4	81.9	85.2	89.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	17.4	82.6	85.8	89.7	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	17.4	82.6	85.8	89.7	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 400	17.4	82.6	85.8	89.7	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	17.4	82.6	85.8	89.7	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 200	17.4	82.6	85.8	89.7	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 100	17.4	82.6	85.8	89.7	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
0	17.4	82.6	85.8	89.7	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

DEC
MONTH

18
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	16.1	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	17.4	53.6	54.8	54.8	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000	18.1	54.2	55.5	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	18.1	54.8	56.1	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000	18.1	56.8	58.1	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	16.1	56.8	58.1	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000	18.7	61.3	62.6	62.6	63.2	63.2	63.9	63.9	63.9	63.9	64.5	64.5	64.5
≥ 9000	18.7	61.9	63.2	63.2	63.9	63.9	64.5	64.5	64.5	64.5	65.2	65.2	65.2
≥ 8000	19.4	63.9	65.2	65.2	65.8	65.8	66.5	66.5	66.5	66.5	67.1	67.1	67.1
≥ 7000	19.4	65.2	66.5	66.5	67.1	67.1	67.7	67.7	67.7	67.7	68.4	68.4	68.4
≥ 6000	19.4	65.8	67.1	67.1	67.7	67.7	68.4	68.4	68.4	68.4	69.0	69.0	69.0
≥ 5000	19.4	65.8	67.1	67.1	67.7	67.7	68.4	68.4	68.4	68.4	69.0	69.0	69.0
≥ 4500	19.4	69.0	71.6	71.6	72.3	72.3	72.9	72.9	72.9	72.9	73.6	73.6	73.6
≥ 4000	19.4	69.0	71.6	71.6	72.3	72.3	72.9	72.9	72.9	72.9	73.6	73.6	73.6
≥ 3500	19.4	69.0	71.6	71.6	72.3	72.3	72.9	72.9	72.9	72.9	73.6	73.6	73.6
≥ 3000	19.4	71.6	74.2	74.2	74.8	74.8	76.1	76.1	76.1	76.1	76.8	76.8	76.8
≥ 2500	19.4	72.3	74.8	74.8	75.5	75.5	76.8	76.8	76.8	76.8	77.4	77.4	77.4
≥ 2000	20.0	75.5	79.4	80.7	81.3	81.3	82.6	82.6	82.6	82.6	83.2	83.2	83.2
≥ 1800	20.0	76.1	80.0	81.3	81.9	81.9	83.2	83.2	83.2	83.2	83.9	83.9	83.9
≥ 1500	20.0	77.4	81.3	82.6	83.2	83.2	84.5	84.5	84.5	84.5	85.2	85.2	85.2
≥ 1200	20.0	78.1	83.2	84.5	85.2	85.2	86.5	86.5	86.5	86.5	87.1	87.1	87.1
≥ 1000	20.0	79.4	85.2	86.5	87.7	87.7	89.0	89.0	89.0	89.0	89.7	89.7	89.7
≥ 900	20.0	80.7	86.5	87.7	89.0	89.0	90.3	90.3	90.3	90.3	91.0	91.0	91.0
≥ 800	20.0	80.7	86.5	87.7	89.0	89.0	90.3	90.3	90.3	90.3	91.0	91.0	91.0
≥ 700	20.0	80.7	87.1	88.4	89.7	89.7	91.0	91.0	91.0	91.0	92.3	92.3	92.3
≥ 600	20.0	82.6	89.0	91.0	92.3	92.3	94.2	94.2	94.2	94.2	94.8	94.8	94.8
≥ 500	20.0	82.6	89.0	91.0	92.3	92.3	94.8	94.8	94.8	94.8	95.5	95.5	95.5
≥ 400	20.0	82.6	89.0	91.0	92.3	92.3	94.8	94.8	94.8	94.8	95.5	95.5	95.5
≥ 300	20.0	82.6	89.0	91.0	92.3	92.3	94.8	94.8	94.8	94.8	95.5	95.5	95.5
≥ 200	20.0	83.2	89.7	91.6	92.9	92.9	96.1	96.1	96.1	96.1	96.8	96.8	96.8
≥ 100	20.0	83.2	89.7	91.6	92.9	92.9	96.1	96.1	96.1	96.1	96.8	96.8	96.8
0	20.0	83.2	89.7	91.6	92.9	92.9	96.1	96.1	96.1	96.1	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	16.8	50.3	50.3	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.6
≥ 20000	18.1	56.1	56.1	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	57.4
≥ 18000	18.1	56.1	56.1	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	57.4
≥ 16000	18.1	56.8	56.8	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	58.1
≥ 14000	18.1	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.7
≥ 12000	18.7	59.4	59.4	59.4	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.7
≥ 10000	18.7	60.7	60.7	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	62.6
≥ 9000	18.7	61.3	61.3	61.9	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	63.2
8000	18.7	62.6	62.6	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	64.5
7000	18.7	64.5	64.5	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	66.5
6000	18.7	64.5	64.5	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	66.5
5000	18.7	65.2	65.2	65.8	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	67.1
4500	18.7	67.7	67.7	69.0	69.0	69.0	70.3	70.3	70.3	70.3	70.3	70.3	71.0
4000	18.7	68.4	68.4	69.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	71.0
3500	18.7	68.4	68.4	69.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	71.0
3000	19.4	73.6	73.6	74.8	74.8	74.8	76.1	76.1	76.1	76.1	76.1	76.1	77.4
2500	20.0	75.5	75.5	76.8	76.8	76.8	78.1	78.1	78.1	78.1	78.1	78.1	79.4
2000	20.0	76.8	76.8	77.4	77.4	77.4	78.7	78.7	78.7	78.7	78.7	78.7	79.4
1800	20.0	77.4	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	79.4
1500	20.7	80.0	81.3	83.2	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.8
1200	20.7	80.0	81.3	83.2	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.8
1000	20.7	80.7	82.6	85.2	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.7
900	20.7	81.3	83.2	85.8	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	88.4
800	20.7	81.9	83.9	86.5	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	89.0
700	20.7	82.6	85.2	87.7	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	90.3
600	20.7	82.6	85.2	88.4	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	91.0
500	20.7	83.2	85.8	89.0	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	92.3
400	20.7	83.9	86.5	89.7	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	92.9
300	20.7	83.9	86.5	89.7	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	92.9
200	20.7	83.9	87.1	91.6	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.8
100	20.7	83.9	87.1	91.6	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.8
0	20.7	83.9	87.1	91.6	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.8

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PENSACOLA, FLORIDA

73-77

DEC

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	14.7	47.3	48.1	48.7	48.8	48.8	48.9	49.1	49.1	49.1	49.1	49.2	49.2
≥ 20000	16.0	53.8	54.8	55.4	55.7	55.7	55.9	56.1	56.1	56.1	56.1	56.3	56.3
≥ 18000	16.1	53.8	54.9	55.5	55.8	55.8	56.0	56.2	56.2	56.2	56.2	56.3	56.4
≥ 16000	16.1	54.0	55.0	55.6	55.9	55.9	56.2	56.3	56.3	56.3	56.3	56.5	56.6
≥ 14000	16.1	54.9	56.0	56.6	56.9	56.9	57.1	57.3	57.3	57.3	57.3	57.5	57.6
≥ 12000	16.3	56.3	57.5	58.3	58.6	58.6	58.8	59.0	59.0	59.0	59.0	59.2	59.4
≥ 10000	16.6	58.7	60.0	61.1	61.6	61.6	61.8	62.0	62.0	62.0	62.1	62.2	62.3
≥ 9000	16.6	59.1	60.4	61.5	62.0	62.0	62.2	62.4	62.4	62.4	62.5	62.6	62.7
≥ 8000	16.8	60.9	62.3	63.6	64.3	64.3	64.6	64.7	64.7	64.8	64.9	65.1	65.1
≥ 7000	16.9	62.2	63.7	65.0	65.7	65.8	66.0	66.2	66.2	66.3	66.3	66.5	66.6
≥ 6000	16.9	62.7	64.3	65.7	66.4	66.5	66.8	66.9	66.9	67.0	67.1	67.2	67.3
≥ 5000	17.0	64.6	66.2	67.7	68.5	68.6	68.9	69.0	69.0	69.1	69.2	69.3	69.4
≥ 4500	17.1	66.6	68.3	69.8	70.7	70.8	71.0	71.2	71.2	71.4	71.4	71.6	71.7
≥ 4000	17.1	67.7	69.4	70.9	71.8	71.9	72.2	72.3	72.3	72.5	72.6	72.7	72.8
≥ 3500	17.1	68.2	70.0	71.5	72.4	72.5	72.6	73.0	73.0	73.1	73.2	73.4	73.5
≥ 3000	17.3	70.1	72.1	73.8	74.8	75.0	75.5	75.6	75.6	75.8	75.9	76.1	76.3
≥ 2500	17.7	71.6	73.7	75.4	76.4	76.6	77.1	77.2	77.2	77.5	77.6	77.8	78.0
≥ 2000	17.9	73.4	75.9	77.9	78.9	79.1	79.7	79.8	79.8	80.2	80.2	80.5	80.6
≥ 1800	17.9	73.8	76.3	78.3	79.3	79.6	80.2	80.3	80.3	80.6	80.7	81.0	81.1
≥ 1500	18.2	76.4	79.1	81.2	82.3	82.6	83.1	83.3	83.3	83.7	83.8	84.0	84.2
≥ 1200	18.2	77.2	80.3	82.6	83.7	84.0	84.6	84.6	84.8	85.2	85.2	85.5	85.7
≥ 1000	18.4	78.3	81.6	84.2	85.6	86.0	86.6	86.8	86.8	87.3	87.4	87.7	87.9
≥ 900	18.4	78.8	82.2	85.0	86.4	87.0	87.6	87.8	87.8	88.3	88.4	88.6	88.8
≥ 800	18.4	79.1	82.7	85.6	87.2	87.7	88.3	88.5	88.5	89.0	89.2	89.4	89.6
≥ 700	18.5	79.9	83.9	86.8	88.5	89.2	89.8	90.1	90.1	90.6	90.7	91.0	91.2
≥ 600	18.5	80.6	84.7	88.1	89.9	90.6	91.4	91.7	91.7	92.2	92.3	92.6	92.8
≥ 500	18.5	81.0	85.2	88.7	90.6	91.4	92.3	92.6	92.6	93.1	93.2	93.5	93.7
≥ 400	18.5	81.1	85.4	89.2	91.3	92.1	93.1	93.4	93.4	93.9	94.0	94.3	94.7
≥ 300	18.5	81.3	85.6	89.4	91.6	92.5	93.6	94.1	94.4	94.8	95.0	95.2	95.4
≥ 200	18.5	81.4	85.7	89.8	92.1	93.1	94.4	95.0	95.2	96.2	96.5	96.9	97.1
≥ 100	18.5	81.4	85.7	89.8	92.1	93.1	94.6	95.2	95.5	96.7	97.0	97.7	98.0
0	18.5	81.4	85.7	89.8	92.1	93.1	94.6	95.2	95.5	96.7	97.0	97.8	98.1

TOTAL NUMBER OF OBSERVATIONS

1239

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

YEARS

ALL
MONTH

8900

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.6	47.6	49.8	51.4	52.5	52.8	53.4	53.6	53.8	53.8	53.8	54.0	54.1	54.2
≥ 20000	7.4	57.0	59.7	61.6	62.9	63.3	63.9	64.1	64.3	64.4	64.4	64.5	64.6	64.8
≥ 18000	7.4	57.0	59.8	61.6	63.0	63.3	63.9	64.1	64.2	64.3	64.3	64.5	64.7	64.9
≥ 16000	7.4	57.1	59.8	61.7	63.0	63.4	64.0	64.2	64.5	64.5	64.5	64.7	64.8	65.0
≥ 14000	7.4	57.6	60.4	62.2	63.6	64.0	64.6	64.8	65.0	65.1	65.1	65.2	65.3	65.5
≥ 12000	7.5	59.2	62.1	64.1	65.5	65.9	66.6	66.8	67.1	67.1	67.1	67.3	67.4	67.6
≥ 10000	7.7	62.4	65.5	67.7	69.2	69.6	70.3	70.5	70.8	70.9	70.9	71.0	71.1	71.3
≥ 9000	7.7	62.6	65.7	67.9	69.4	69.8	70.5	70.8	71.0	71.1	71.1	71.3	71.4	71.5
≥ 8000	7.8	64.6	67.9	70.2	71.8	72.2	73.0	73.2	73.5	73.6	73.6	73.8	73.9	74.0
≥ 7000	7.9	65.2	68.5	70.9	72.5	73.0	73.8	74.0	74.3	74.4	74.4	74.5	74.6	74.8
≥ 6000	7.9	65.6	69.0	71.4	73.0	73.5	74.2	74.5	74.8	74.9	74.9	75.0	75.1	75.3
≥ 5000	7.9	66.6	70.0	72.6	74.2	74.7	75.5	75.7	76.0	76.1	76.1	76.3	76.4	76.5
≥ 4500	8.0	67.3	70.8	73.4	75.1	75.6	76.4	76.6	76.9	77.0	77.0	77.2	77.3	77.4
≥ 4000	8.0	68.0	71.6	74.3	76.0	76.5	77.3	77.5	77.8	77.9	77.9	78.1	78.2	78.4
≥ 3500	8.1	68.4	72.1	74.8	76.6	77.1	77.9	78.1	78.4	78.5	78.5	78.7	78.8	79.0
≥ 3000	8.2	69.8	73.6	76.4	78.3	78.8	79.7	79.9	80.2	80.3	80.3	80.5	80.6	80.8
≥ 2500	8.4	71.1	75.2	78.1	80.0	80.6	81.5	81.7	82.1	82.1	82.2	82.3	82.4	82.6
≥ 2000	8.5	73.0	77.3	80.4	82.5	83.1	84.1	84.4	84.7	84.8	84.8	85.0	85.1	85.3
≥ 1800	8.5	73.3	77.7	80.8	82.9	83.5	84.5	84.8	85.1	85.2	85.2	85.4	85.5	85.7
≥ 1500	8.6	75.3	80.0	83.3	85.6	86.2	87.2	87.6	87.9	88.0	88.1	88.2	88.3	88.5
≥ 1200	8.7	76.2	81.0	84.5	86.9	87.6	88.6	89.0	89.4	89.5	89.5	89.7	89.8	89.9
≥ 1000	8.7	76.7	81.8	85.4	88.0	88.7	89.8	90.2	90.6	90.7	90.7	90.9	91.0	91.2
≥ 900	8.7	77.1	82.3	85.1	88.7	89.4	90.6	91.0	91.4	91.5	91.5	91.7	91.8	92.0
≥ 800	8.7	77.4	82.7	86.5	89.1	89.9	91.1	91.5	91.9	92.0	92.0	92.2	92.4	92.5
≥ 700	8.8	77.7	83.1	87.0	89.8	90.6	91.8	92.2	92.6	92.7	92.8	93.0	93.1	93.3
≥ 600	8.8	78.0	83.5	87.5	90.4	91.3	92.5	93.0	93.4	93.5	93.5	93.8	93.9	94.1
≥ 500	8.8	78.4	84.0	88.1	91.2	92.1	93.4	93.9	94.4	94.5	94.5	94.8	94.9	95.0
≥ 400	8.8	78.6	84.3	88.6	91.9	92.8	94.3	94.9	95.4	95.5	95.5	95.8	95.9	96.1
≥ 300	8.8	78.7	84.5	88.9	92.4	93.4	95.0	95.6	96.4	96.5	96.5	96.9	97.0	97.2
≥ 200	8.8	78.8	84.6	89.0	92.6	93.7	95.5	96.2	97.1	97.3	97.4	97.8	97.9	98.1
≥ 100	8.8	78.8	84.6	89.0	92.7	93.7	95.5	96.4	97.4	97.8	97.8	98.4	98.6	98.9
≥ 0	8.8	78.8	84.6	89.0	92.7	93.7	95.5	96.4	97.4	97.8	97.8	98.5	98.7	99.1

TOTAL NUMBER OF OBSERVATIONS 14607

DIRNA VOCEANMET SMOS

03855
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00	28.4	1.9	3.2	1.3	4.5	.6	1.9	3.9	6.5	3.9	43.9	6.0	155
	03	28.4	1.9	.6	3.9	1.9	1.9	4.5	3.9	3.9	1.9	47.1	6.1	155
	06	23.9	1.3	2.6	2.6	1.9	2.6	.6	4.5	3.2	3.2	53.5	6.6	155
	09	17.4	1.9	2.6	3.2	1.3		1.3	3.2	9.7	12.9	46.5	7.1	155
	12	18.1	3.9	3.2	3.9	4.5	4.5	1.9	3.2	9.7	6.5	40.6	6.4	155
	15	17.4	2.6	5.8	3.2	3.9	1.3	1.9	7.7	7.7	11.0	37.4	6.5	155
	18	15.5	3.2	4.5	4.5	2.6	1.9	1.9	5.8	11.0	7.7	41.3	6.7	155
	21	24.5	1.9	5.8	4.5	3.2	2.6	3.9	2.6	4.5	5.2	41.3	5.9	155
TOTALS		21.7	2.3	3.5	3.4	3.0	1.0	2.2	4.4	7.0	6.5	44.0	6.4	1240

SKY COVER

03855 STATION PENSACOLA, FLORIDA PERIOD 73-77 MONTH FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
FEB	00	38.3	3.5	2.8	5.0	5.0	2.1	2.8	1.4	5.0	2.1	31.9	141
	03	42.6	1.4	1.4	3.5	.7	2.1	3.5	3.5	4.3	1.4	35.5	141
	06	29.8	3.5	.7	8.5	2.8	.7	2.1	5.7	7.8	4.3	34.0	141
	09	29.8	2.8	1.4	5.7	5.7	2.1		5.0	7.8	13.5	26.2	141
	12	27.0	2.1	8.5	5.7	2.8	2.8	2.1	4.3	6.4	13.5	24.8	141
	15	29.1	3.5	2.8	5.7	5.7	2.8	2.8	6.4	12.1	5.7	23.4	141
	18	24.1	6.4	5.7	7.8	2.8	4.3	3.5	2.8	7.1	10.6	24.8	141
	21	41.8	1.4	5.0	5.0	2.1	2.1	.7	5.0	7.1	2.8	27.0	141
TOTALS		32.8	3.1	3.5	5.9	3.5	2.4	2.2	4.3	7.2	6.7	28.5	1128

SKY COVER

03355 STATION PENSACOLA, FLORIDA PERIOD 73-77 MONTH MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
MAR	00	27.1	.6	3.2	4.5	1.9	1.3	3.9	5.8	3.9	1.3	46.5	155
	03	18.7	1.3	3.9	4.5	4.5	1.9	1.9	5.2	7.7	2.6	47.7	155
	06	11.6	3.9	5.8	3.2	5.2	2.6	2.6	3.2	6.5	5.2	50.3	155
	09	11.0	3.2	4.5	3.2	4.5	1.3	2.6	4.5	9.7	5.8	49.7	155
	12	8.4	5.8	5.2	4.5	5.2	1.9	4.5	3.9	7.7	9.0	43.9	155
	15	10.3	3.9	5.2	4.5	3.2	3.9	1.9	5.8	7.7	7.1	46.5	155
	18	10.3	1.9	4.5	5.8	4.5	5.2	1.3	3.2	11.0	10.3	41.9	155
	21	23.9	1.3	2.6	3.2	2.6	5.8	2.6	6.5	7.1	3.9	40.6	155
TOTALS		15.2	2.7	4.4	4.2	4.0	3.0	2.7	4.8	7.7	5.7	45.9	1240

STATION	STATION NAME
03855	PENSACOLA, FLORIDA

73-77

PERIOD

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

5704 SKY COVER JAN 68

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00	49.3	.7	2.0	4.7	3.3	.7	1.3	6.0	2.7	2.0	27.3	4.0	150
	03	41.3	1.3	7.3	4.0	4.0		2.7	2.7	7.3	4.0	25.3	4.3	150
	06	24.7	7.3	3.3	2.7	4.0	2.0	2.0	8.7	9.3	6.0	30.0	5.5	150
	09	23.3	3.3	6.7	5.3	1.3	3.3	2.7	6.0	12.7	6.7	26.7	5.6	150
	12	18.0	5.3	7.3	2.7	6.7	4.7	8.0	4.7	7.3	6.7	28.7	5.6	150
	15	23.3	8.7	4.7	4.7	2.0	4.7	4.7	5.3	8.7	4.0	29.3	5.3	150
	18	25.3	7.3	5.3	8.7	2.7	2.7	.7	6.0	6.7	5.3	29.3	5.1	150
	21	40.0	3.3	7.3	6.7	4.7	1.3	2.7	5.3	4.0	2.7	22.0	3.9	150
TOTALS		30.7	4.7	5.5	4.9	3.6	2.4	3.1	5.6	7.3	4.9	27.3	4.9	1200

2

11

5704 SKY COVER JAN 68

陳其南

11

11

11

SKY COVER

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

73-77

PERIOD

JUN
MONTH

5704 SKY COVER JAN 68

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
JUN	00	29.3	6.0	6.0	13.3	8.7	4.7	3.3	6.0	6.0	3.3	11.3	3.9
	03	33.3	2.7	4.7	11.3	8.0	4.7	6.0	7.3	6.7	3.3	12.0	3.9
	06	17.3	4.7	3.3	6.0	6.0	10.7	8.7	9.3	14.7	6.0	11.3	5.3
	09	16.0	2.0	8.0	5.3	11.3	7.3	4.0	16.0	12.7	6.0	11.3	5.2
	12	6.7	9.3	2.7	10.0	12.7	10.7	5.3	9.3	14.7	11.3	7.3	5.4
	15	10.7	4.0	8.7	9.3	8.7	9.3	2.7	11.3	15.3	10.7	9.3	5.4
	18	13.3	2.0	4.7	8.0	6.7	8.0	3.3	9.3	14.7	17.3	12.7	5.9
	21	20.0	1.3	6.0	10.7	8.7	4.7	2.7	12.7	10.7	6.0	16.7	5.1
TOTALS		18.3	4.0	5.5	9.2	8.9	7.5	4.5	10.2	12.2	8.2	11.5	5.0
													1200

NAYWEASERVCOM

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

5704 SKY COVER JAN 68

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00	19.4	3.9	9.0	7.7	9.0	5.2	6.5	8.4	7.7	5.8	17.4	4.9	155
	03	23.2	5.8	8.4	13.5	6.5	8.4	5.8	4.5	8.4	5.2	10.3	4.1	155
	06	7.7	5.2	7.1	7.1	7.7	7.7	5.8	8.4	21.3	9.0	12.9	5.8	155
	09	8.4	6.5	9.7	8.4	11.0	8.4	3.9	5.8	10.3	9.0	18.7	5.5	155
	12	3.2	.6	5.2	10.3	7.1	10.3	5.2	17.4	17.4	9.7	13.5	6.4	155
	15	3.2	1.9	4.5	7.1	9.7	10.3	5.2	9.7	18.7	10.3	19.4	6.6	155
	18	5.8	1.9	2.6	4.5	5.2	5.8	1.9	11.0	12.3	15.5	33.5	7.3	155
	21	11.0	3.9	4.5	9.0	7.7	6.5	6.5	8.4	11.0	8.4	23.2	6.0	155
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NAVWEASERVCOM

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10

MONTH

STATION	STATION NAME
1000	1000
1001	1001
1002	1002
1003	1003
1004	1004
1005	1005
1006	1006
1007	1007
1008	1008
1009	1009
1010	1010
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1012	1012
1013	1013
1014	1014
1015	1015
1016	1016
1017	1017
1018	1018
1019	1019
1020	1020
1021	1021
1022	1022
1023	1023
1024	1024
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1097	1097
1098	1098
1099	1099
1100	1100
1101	1101
1102	1102
1103	1103
1104	1104
1105	1105
1106	1106
1107	1107
1108	1108
1109	1109
1110	1110
1111	1111
1112	1112
1113	1113
1114	1114
1115	1115
1116	1116
1117	1117
1118	1118
1119	1119
1120	1120
1121	1121
1122	1122
1123	1123
1124	1124
1125	1125
1126	1126
1127	1127
1128	1128
1129	1129
1130	1130
1131	1131
1132	1132
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1142	1142
1143	1143
1144	1144
1145	1145
1146	1146
1147	1147
1148	1148
1149	1149
1	

CONTINUED

TOTALS

NAVWEASERVCOM

SEP
MONTH

PERIOD

73-77

PENSACOLA, FLORIDA STATION NAME

03855
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00	28.7	2.7	5.3	10.0	7.3	4.7	4.0	7.3	6.0	4.7	17.3	4.5	150
	03	32.7	2.0	6.0	7.3	5.2	2.7	.7	8.7	10.7	4.7	19.3	4.6	150
	06	14.0	4.7	8.7	11.3	2.0	4.7	3.3	5.3	11.3	14.7	20.0	5.7	150
	09	18.7	6.0	2.7	4.7	6.0	5.3	4.0	7.3	12.0	11.3	22.0	5.7	150
	12	7.3	2.0	3.3	6.7	6.7	9.3	4.7	10.7	6.7	15.3	23.3	6.5	150
	15	5.3	3.3	5.3	9.3	4.7	10.0	4.7	6.0	11.3	16.0	22.0	6.5	150
	18	8.7	2.7	5.3	10.7	6.7	4.7	1.2	6.0	9.3	13.3	29.3	6.5	150
	21	22.7	1.3	6.7	6.7	4.0	6.0	3.3	11.3	5.3	8.0	22.7	5.3	150
TOTALS		17.3	3.1	4.6	8.6	5.3	6.2	3.3	8.1	9.6	11.3	22.0	5.7	1200

SKY COVER

2

03355 STATION PENSACOLA, FLORIDA PERIOD 73-77 MONTH OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
OCT	00	54.2	.6	3.9	0.5	5.2	3.9	1.3	2.6	3.9	2.6	15.5	155
	03	52.3	1.3	3.2	5.8	3.9	3.2	2.6	2.6	6.5	1.9	16.8	155
	06	31.6	7.1	2.6	9.0	6.5	5.2	1.3	4.5	8.4	3.2	20.6	155
	09	36.8	5.8	4.5	4.5	3.9	3.2	3.9	5.2	7.1	4.5	20.6	155
	12	27.7	11.6	8.4	5.2	5.2	5.2	2.6	3.2	5.8	3.2	21.9	155
	15	26.5	9.0	9.0	8.4	5.2	1.9	4.5	7.1	1.9	7.1	19.4	155
	18	31.6	11.0	8.4	4.5	3.9	3.2	1.9	9.0	6.5	5.2	14.8	155
	21	54.8	3.9	3.2	4.5	3.2	1.3	2.6	3.9	2.6	4.5	15.5	155
TOTALS		39.4	6.3	5.4	6.1	4.6	3.4	2.6	4.8	5.3	4.0	16.1	1240

MONTH
DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00	38.7	2.0	8.0	6.0	4.0	4.0	.7	3.3	7.3	4.0	22.0	4.1	150
	03	38.0	5.3	4.0	3.3	1.3	7.3	2.0	5.3	3.3	4.0	26.0	4.4	150
	06	25.3	6.0	8.7	7.3	2.0	1.3	1.3	4.7	5.3	6.7	31.3	5.2	150
	09	26.7	5.3	4.0	4.7	3.3	.7	4.0	5.3	5.3	11.3	29.3	5.4	150
	12	24.0	6.0	4.7	3.3	5.3	4.7		8.0	7.3	12.7	24.0	5.4	150
	15	20.7	4.7	8.7	5.3	4.7	6.7	2.0	5.3	6.7	12.0	23.3	5.3	150
	18	27.3	4.0	6.0	6.0	8.0	2.0	3.3	6.0	3.3	6.7	27.3	5.0	150
	21	39.3	2.7	7.3	4.0	2.0	3.3	1.3	3.3	6.0	6.0	24.7	4.3	150
TOTALS		20.0	4.5	6.4	5.0	3.8	3.8	1.8	5.2	5.6	7.9	26.0	4.9	1200

STATION	STATION NAME
03855	PENSACOLA, FLORIDA

73-77

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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5704 SKY COVER JAN 68

Figure 1

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00	38.7	1.3	2.6	3.2	1.3	1.9	2.6	2.6	4.5	3.9	37.4	5.1	155
	03	40.0	1.3	.6	3.9	1.9	2.6	1.3	5.2	3.9	4.5	34.8	5.0	155
	06	34.4	3.2	1.9	4.5	1.3	1.9		6.5	7.1	3.2	35.7	5.2	154
	09	25.2	3.9	3.9	4.5	5.8	4.5	1.9	1.9	9.0	4.5	34.8	5.6	155
	12	22.6	4.5	4.5	2.6	3.9	6.4	3.2	3.9	3.9	9.7	32.9	5.7	155
	15	18.7	4.5	3.2	7.1	3.2	1.3	4.5	5.8	11.0	12.9	27.7	6.0	155
	18	23.2	2.6	4.5	3.9	4.5	1.3	3.2	7.1	9.0	6.4	32.3	5.9	155
	21	35.5	.6	4.5	4.5	2.6	1.3	1.9	4.5	5.8	4.5	34.2	5.1	155
TOTALS		39.8	2.7	3.2	4.3	3.1	2.9	2.3	4.7	6.8	6.5	33.7	5.5	1239

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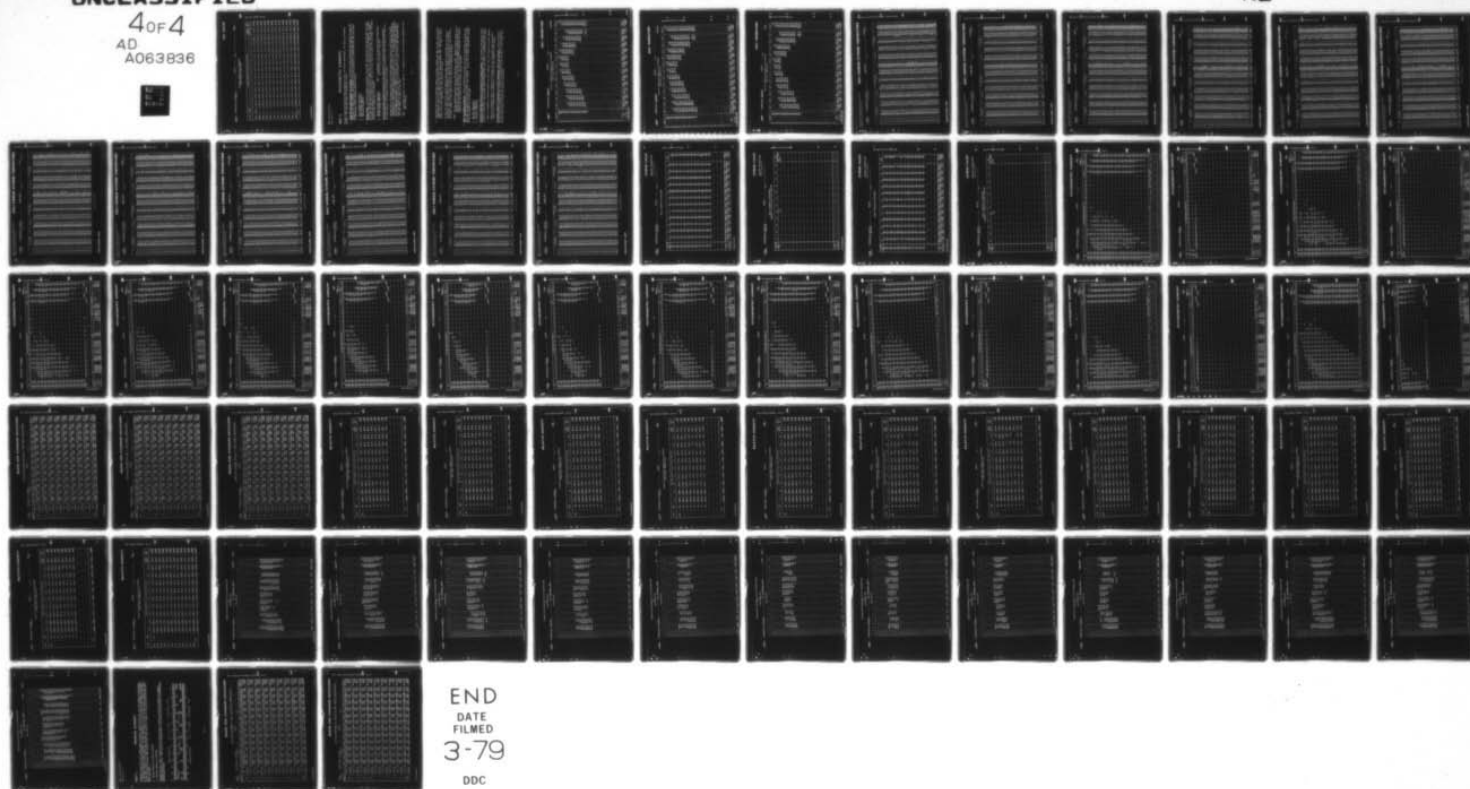
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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) PENSACOLA--ETC(U)
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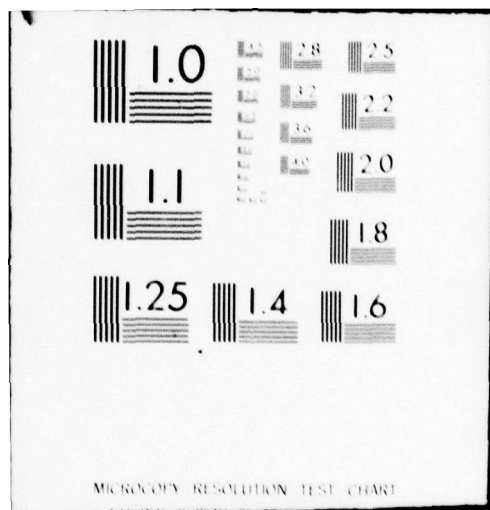
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SKY COVER

5704 SKY COVER JAN 68

03855 STATION PENSACOLA, FLORIDA 73-77 PERIOD MONTH ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	21.7	2.3	3.5	3.4	3.0	1.9	2.2	4.4	7.0	6.5	44.0	6.4	1240
FEB		32.8	3.1	3.5	5.9	3.5	2.4	2.2	4.3	7.2	6.7	20.5	5.0	1128
MAR		15.2	2.7	4.4	4.2	4.0	3.0	2.7	4.8	7.7	5.7	45.9	6.8	1240
APR		30.7	4.7	5.5	4.9	3.6	2.4	3.1	5.6	7.3	4.9	27.3	4.9	1200
MAY		18.7	4.6	6.0	6.6	5.8	5.2	3.5	7.1	8.5	7.8	26.4	5.6	1240
JUN		18.3	4.0	5.5	9.2	8.9	7.5	4.5	10.2	12.2	8.2	11.5	5.0	1200
JUL		10.2	3.7	6.4	8.5	8.0	7.8	5.1	9.2	13.4	9.1	18.6	5.8	1240
AUG		12.1	3.0	6.3	8.9	9.0	9.3	4.1	8.9	12.7	9.0	16.9	5.6	1240
SEP		17.3	3.1	5.4	8.6	5.3	6.2	3.3	8.1	9.6	11.3	22.0	5.7	1200
OCT		39.4	6.3	5.4	6.1	4.6	3.4	2.6	4.8	5.3	4.0	18.1	3.8	1240
NOV		30.0	4.5	6.4	5.0	3.8	3.8	1.8	5.2	5.6	7.9	26.0	4.9	1200
DEC		29.8	2.7	3.2	4.3	3.1	2.9	2.3	4.7	6.8	6.5	33.7	5.5	1239
TOTALS		23.0	3.7	5.1	6.3	5.2	4.7	3.1	6.4	8.6	7.3	26.6	5.4	14607

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.
This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperatures combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

- a. Dry-bulb temperature
- b. Wet-bulb temperature
- c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

03055
STATION

~~PENSACOLA, FLORIDA~~
~~STATION NAME~~

25-77

YEARS

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
106						1.0	3.2	3.5	9				.0
95					4.8	24.9	40.5	42.9	19.4				.8
90				1.2	29.7	79.3	93.1	90.3	65.9	.8			11.2
85				1.2	74.1	97.4	99.6	99.7	90.3	18.4			31.7
80		.2	2.7	19.4	94.8	99.6	100.0	100.0	97.4	49.5	6.1	.1	45.2
75	2.9	3.5	16.4	35.8	94.8	99.6	100.0	100.0	97.4	73.8	26.7	7.4	56.8
70	15.7	22.3	43.2	86.7	99.2	100.0			99.3	90.5	54.9	24.8	69.9
65	35.9	43.5	70.3	97.5	99.9				99.9	98.0	72.5	48.0	80.6
60	54.8	67.8	87.8	99.7	100.0				100.0	99.6	87.2	69.0	88.9
55	73.4	84.6	96.4	100.0						100.0	95.1	83.9	94.5
50	85.4	94.2	98.7								98.6	92.3	97.4
45	93.8	97.4	99.7								99.7	98.0	99.1
40	97.9	99.5	100.0								100.0	99.6	99.7
35	99.3	100.0										99.9	99.9
30	100.0												100.0
25												100.0	100.0
MEAN	59.9	62.6	67.7	75.0	82.1	87.2	88.8	88.8	85.6	78.6	69.0	63.0	75.7
S. D.	9.218	7.871	6.896	4.905	4.627	3.541	3.095	3.232	4.693	6.254	7.891	8.394	12.180
TOTAL OBS.	713	630	713	690	711	690	713	713	690	713	690	713	8399

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DAILY TEMPERATURES

23955

PENSACOLA, FLORIDA
SIX MONTH TIME

55-77

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
68						4.3	6.6	3.6	2.2	1			0.0
69						36.5	56.1	48.4	26.8	2.5			1.3
73						76.1	96.1	94.4	71.2	15.8			14.7
76						94.8	99.7	99.2	88.3	32.8			34.0
69						99.0	100.0	99.9	96.5	56.7			46.1
60						99.9		100.0	98.8	76.3			57.0
58						100.0			99.6	87.1			64.9
50									100.0	95.8			76.0
43										99.2			81.6
40										100.0			88.4
35													93.8
30													97.6
28													99.4
20													99.8
15													99.9
10													100.0
5													100.0
MEAN	42.7	45.1	51.7	59.9	66.7	72.4	74.6	74.2	71.2	60.2	50.3	45.2	59.5
S. D.	11.66	10.84	9.64	8.08	6.09	4.64	2.92	3.21	5.43	8.52	10.61	11.51	14.35
TOTAL OBS.	713	650	713	690	711	690	713	713	690	713	690	713	8399

NAVWEASERVCOM

DAILY TEMPERATURES

STATION

PENSACOLA, FLORIDA

55-77

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
90						7.2	13.0	14.7	4.6	3			0
89						59.1	87.4	81.6	47.7	4.9			3.4
88						94.2	99.2	99.4	84.3	24.8			24.6
87						99.3	100.0	100.0	96.7	55.5			39.7
86						100.0			98.6	77.6			51.6
85									99.9	90.0			62.8
84									100.0	98.2			73.0
83										98.7			81.6
82										100.0			89.5
81										100.0			94.9
80													98.0
79													99.5
78													99.9
77													100.0
76													99.9
75													100.0
74													99.9
73													100.0
72													99.9
71													100.0
70													99.9
69													100.0
68													99.9
67													100.0
66													99.9
65													100.0
64													99.9
63													100.0
62													99.9
61													100.0
60													99.9
59													100.0
58													99.9
57													100.0
56													99.9
55													100.0
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53													100.0
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48													99.9
47													100.0
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45													100.0
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43													100.0
42													99.9
41													100.0
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39													100.0
38													99.9
37													100.0
36													99.9
35													100.0
34													99.9
33													100.0
32													99.9
31													100.0
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29													100.0
28													99.9
27													100.0
26													99.9
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23													100.0
22													99.9
21													100.0
20													99.9
19													100.0
18													99.9
17													100.0
16													99.9
15													100.0
14													99.9
13													100.0
12													99.9
11													100.0
10													99.9
9													100.0
8													99.9
7													100.0
6													99.9
5													100.0
4													99.9
3													100.0
2													99.9
1													100.0
0													99.9
MEAN	51.5	54.1	59.4	67.7	74.6	80.0	81.9	81.8	78.6	69.6	59.9	54.4	67.8
S. D.	9.885	8.836	7.744	5.894	4.636	3.456	2.422	2.707	4.429	6.815	8.740	9.434	12.959
TOTAL OBS.	713	630	713	690	711	690	713	713	690	713	690	713	6399

NAVWEASERVCOM

5721 Daily Temperatures Jan 1966

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

03855

PENSACOLA, FLORIDA

1949-1977

JANUARY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	51.8	11.0	59.8	15.4	75	23.9	43.9	6.6	26	-3.3	1964
2	52.5	11.4	60.6	15.9	74	23.3	44.4	6.9	24	-4.4	1964
3	55.3	12.9	63.0	17.2	73	22.8	47.5	8.6	31	-0.6	1958
4	53.4	11.9	60.9	16.1	78	25.6	45.9	7.7	28	-2.2	1961
5	52.5	11.4	60.0	15.6	72	22.2	45.0	7.2	24	-4.4	1969
6	52.0	11.1	60.1	15.6	72	22.2	44.0	6.7	26	-3.3	1969
7	49.9	9.9	59.0	15.0	70	21.1	40.9	4.9	20	-6.7	1970
8	49.9	9.9	58.6	14.8	72	22.2	41.2	5.1	20	-6.7	1970
9	52.2	11.2	60.2	15.7	75	23.9	44.2	6.8	20	-6.7	1970
10	50.6	10.3	59.1	15.1	76	24.4	42.1	5.6	12	-11.1	1962
11	50.7	10.4	58.5	14.7	74	23.3	42.9	6.1	11	-11.7	1962
12	50.0	10.0	58.3	14.6	76	24.4	41.7	5.4	13	-10.6	1962
13	51.6	10.9	59.3	15.2	75	23.9	43.9	6.6	16	-8.9	1962
14	52.7	11.5	60.1	15.6	75	23.9	43.3	7.4	21	-6.1	1964
15	53.7	12.1	62.1	16.7	78	25.6	43.3	7.4	22	-5.6	1964
16	49.7	9.8	58.5	14.7	75	23.9	41.0	5.0	21	-6.1	1972
17	49.8	9.9	58.1	14.5	70	21.1	41.4	5.2	19	-7.2	1977
18	53.0	11.7	61.8	16.6	75	23.9	44.2	6.8	22	-5.6	1977
19	52.5	11.4	60.0	15.6	72	22.2	45.0	7.2	13	-10.6	1977
20	52.3	11.3	60.2	15.7	74	23.3	44.4	6.9	23	-5.0	1977
21	52.2	11.2	60.5	15.8	71	21.7	44.0	6.7	24	-4.4	1977
22	53.5	11.9	61.6	16.4	71	21.7	43.4	7.4	22	-5.6	1961
23	55.6	13.1	63.6	17.6	77	25.0	47.5	8.6	19	-7.2	1963
24	53.6	12.0	61.1	16.2	75	23.9	46.0	7.8	9	-12.8	1963
25	54.5	12.5	62.0	16.7	76	24.4	47.1	8.4	18	-7.8	1963
26	56.8	13.8	64.2	17.9	76	24.4	49.4	9.7	28	-2.2	1977
27	55.6	13.1	62.8	17.1	73	22.8	48.3	9.1	26	-3.3	1966
28	54.7	12.6	63.3	17.4	76	24.4	46.1	7.8	27	-2.8	1963
29	53.4	11.9	61.8	16.6	76	24.4	45.0	7.2	21	-6.1	1966
30	52.8	11.6	61.2	16.2	76	24.4	44.4	6.9	9	-12.8	1966
31	54.9	12.7	62.6	17.0	76	24.4	47.3	8.5	19	-7.2	1966
Monthly	52.7	11.5	60.7	15.9	78	25.6	44.7	7.1	9	-12.8	1966*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

03355

PENSACOLA, FLORIDA

1949-1977

FEBRUARY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP			MINIMUM TEMP			DATE
	AVERAGE ° F	AVERAGE ° C	AVERAGE ° F	EXTREME ° F	EXTREME ° C	AVERAGE ° F	EXTREME ° F	EXTREME ° C	
1	56.8	13.8	64.0	77	25.0	49.6	9.8	-6.7	1951
2	55.6	13.1	63.0	79	26.1	48.2	9.0	-8.9	1951
3	52.7	11.5	61.0	77	25.0	44.4	6.9	-11.1	1951
4	52.6	11.4	61.2	73	22.8	44.1	6.7	-7.2	1970
5	54.4	12.4	62.7	79	26.1	46.1	7.8	-2.2	1966
6	55.9	13.3	64.2	73	22.8	47.6	8.7	-4.4	1977
7	52.5	11.4	60.9	75	23.9	44.1	6.7	-2.2	1967
8	50.6	10.3	60.5	75	22.8	40.7	4.8	-5.0	1976
9	53.4	11.9	61.1	75	23.9	45.7	7.6	-3.9	1971
10	53.7	12.1	61.9	74	23.3	45.6	7.6	-3.9	1971
11	54.5	12.5	63.7	76	24.4	45.2	7.3	-2.8	1973
12	53.4	11.9	62.0	78	25.6	44.7	7.1	-3.9	1955
13	53.2	11.8	61.3	74	23.3	45.0	7.2	-6.1	1958
14	54.5	12.5	63.7	73	22.8	45.3	7.4	-2.8	1971*
15	56.3	13.5	63.9	74	23.3	46.8	9.3	-2.2	1960
16	55.3	12.9	62.5	79	26.1	46.1	8.9	-2.2	1977*
17	54.2	12.3	61.2	80	26.7	47.1	8.4	-2.8	1958
18	56.1	13.4	63.6	79	26.1	46.6	9.2	-5.6	1958
19	55.9	13.3	63.9	73	22.8	47.9	8.8	-2.2	1960*
20	55.2	12.9	63.4	73	22.8	47.0	8.3	-1.1	1958
21	56.6	13.7	65.6	74	23.3	47.5	8.6	0.6	1959
22	54.2	12.3	62.4	76	24.4	45.9	7.7	-1.1	1963
23	54.4	12.4	62.2	78	25.6	46.6	8.1	-3.9	1964
24	55.8	13.2	63.7	75	23.9	48.0	8.9	-1.1	1964
25	54.6	12.6	61.9	74	23.3	47.2	8.4	-1.1	1974*
26	55.1	12.8	63.5	76	24.4	46.8	8.2	-3.9	1974
27	57.2	14.0	65.8	76	24.4	48.7	9.3	-2.2	1963
28	57.9	14.4	66.4	78	25.6	49.5	9.7	2.2	1977
29	54.1	12.3	62.9	73	22.8	45.3	7.4	0.6	1964
30									
31									
Monthly	54.7	12.6	62.9	80	26.7	46.5	8.1	-11.1	1951

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

03455

PENSACOLA, FLORIDA

1949-1977

MARCH

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE			MAXIMUM TEMP			AVERAGE			MINIMUM TEMP			DATE
	°F	°C	°F	°C	°C	°F	°C	°C	°F	°C	°C	°F	°C	°C	
1	55.8	13.2	63.9	17.7	23.3	74	23.3	23.3	47.6	8.7	8.7	30	-1.1	-1.1	1968
2	58.1	14.5	65.3	18.5	25.6	78	25.6	25.6	50.9	10.5	10.5	35	1.7	1.7	1969
3	58.2	14.6	64.9	18.3	23.3	74	23.3	23.3	51.6	10.9	10.9	32	0.0	0.0	1960
4	57.2	14.0	64.3	17.9	23.9	75	23.9	23.9	50.1	10.1	10.1	25	-3.9	-3.9	1960
5	57.0	13.9	64.0	17.8	24.4	76	24.4	24.4	49.9	9.9	9.9	29	-1.7	-1.7	1960
6	56.7	13.7	64.6	18.1	24.4	76	24.4	24.4	48.7	9.3	9.3	26	-3.3	-3.3	1960
7	56.3	13.5	64.3	17.9	23.9	75	23.9	23.9	48.2	9.0	9.0	30	-1.1	-1.1	1966*
8	55.7	13.2	64.2	17.9	23.6	78	23.6	23.6	47.1	8.4	8.4	32	0.0	0.0	1960
9	58.2	14.6	66.2	19.0	25.0	77	25.0	25.0	50.2	10.1	10.1	37	2.8	2.8	1957
10	59.5	15.3	66.6	19.2	24.4	76	24.4	24.4	52.4	11.3	11.3	33	0.6	0.6	1969
11	62.0	16.7	68.4	20.2	26.7	80	26.7	26.7	55.6	13.1	13.1	33	0.6	0.6	1969
12	62.2	16.8	68.9	20.5	26.7	80	26.7	26.7	55.6	13.1	13.1	36	2.2	2.2	1960
13	60.2	15.7	67.5	19.7	26.7	80	26.7	26.7	52.8	11.6	11.6	33	0.6	0.6	1960
14	59.0	15.0	66.2	19.0	27.8	82	27.8	27.8	51.8	11.0	11.0	35	1.7	1.7	1970*
15	60.6	15.9	69.2	20.7	27.2	81	27.2	27.2	52.1	11.2	11.2	38	3.3	3.3	1958
16	59.3	15.2	68.1	20.1	27.2	81	27.2	27.2	50.6	10.3	10.3	37	2.8	2.8	1954
17	59.0	15.0	67.2	19.6	27.2	81	27.2	27.2	50.7	10.4	10.4	31	-0.6	-0.6	1976
18	60.9	16.1	68.7	20.4	26.7	80	26.7	26.7	53.2	11.8	11.8	38	3.3	3.3	1962
19	61.5	16.4	69.0	20.6	26.7	80	26.7	26.7	54.1	12.3	12.3	39	3.9	3.9	1949
20	60.8	16.0	68.0	20.0	26.1	79	26.1	26.1	53.6	12.0	12.0	34	1.1	1.1	1956
21	60.6	15.9	68.2	20.1	24.4	76	24.4	24.4	53.0	11.7	11.7	35	1.7	1.7	1963
22	58.9	14.9	67.5	19.7	27.2	81	27.2	27.2	50.2	10.1	10.1	34	1.1	1.1	1960
23	59.5	15.3	67.4	19.7	27.2	81	27.2	27.2	51.6	10.9	10.9	34	1.1	1.1	1968
24	60.6	15.9	68.2	20.1	27.2	81	27.2	27.2	52.9	11.6	11.6	30	-1.1	-1.1	1968
25	61.1	16.2	68.4	20.2	26.7	80	26.7	26.7	53.9	12.2	12.2	36	2.2	2.2	1968*
26	59.7	15.4	67.6	19.8	23.9	75	23.9	23.9	51.8	11.0	11.0	34	1.1	1.1	1955
27	60.7	15.9	68.3	20.2	26.1	79	26.1	26.1	53.2	11.8	11.8	28	-2.2	-2.2	1955
28	63.1	17.3	69.9	21.1	27.2	81	27.2	27.2	56.3	13.5	13.5	37	2.8	2.8	1955
29	64.0	17.8	70.7	21.5	26.7	80	26.7	26.7	57.3	14.1	14.1	38	3.3	3.3	1955
30	63.1	17.3	70.8	21.6	27.2	81	27.2	27.2	53.4	13.0	13.0	38	3.3	3.3	1950
31	62.7	17.1	69.8	21.0	25.0	77	25.0	25.0	55.6	13.1	13.1	39	3.9	3.9	1971
Monthly	59.7	15.4	67.3	19.6	27.8	82	27.8	27.8	52.2	11.2	11.2	25	-3.9	-3.9	1960

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

03855

PENSACOLA, FLORIDA

1949-1977

APRIL

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE		AVERAGE		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C		
1	64.6	18.1	71.6	22.0	81	27.2	1974	57.6	14.2	41	5.0	1976	57.6	14.2	41	5.0	1976	
2	64.3	17.9	71.8	22.1	80	26.7	1977	56.9	13.8	40	4.4	1962	56.9	13.8	40	4.4	1962	
3	64.4	18.0	71.6	22.0	81	27.2	1977	57.2	14.0	40	4.4	1971*	57.2	14.0	40	4.4	1971*	
4	64.6	18.1	72.2	22.3	84	28.9	1963	57.0	13.9	39	3.9	1975	57.0	13.9	39	3.9	1975	
5	63.1	17.3	70.4	21.3	77	25.0	1967	55.8	13.2	44	6.7	1966	55.8	13.2	44	6.7	1966	
6	63.4	17.4	71.3	21.8	79	26.1	1972*	55.5	13.1	41	5.0	1971	55.5	13.1	41	5.0	1971	
7	64.2	17.9	71.8	22.1	81	27.2	1972*	56.5	13.6	37	2.8	1971	56.5	13.6	37	2.8	1971	
8	64.5	18.1	72.4	22.4	84	28.9	1977	56.7	13.7	40	4.4	1971	56.7	13.7	40	4.4	1971	
9	65.1	18.4	72.6	22.6	80	26.7	1977	57.6	14.2	43	6.1	1957	57.6	14.2	43	6.1	1957	
10	64.7	18.2	71.6	22.0	81	27.2	1963	57.8	14.3	44	6.7	1974	57.8	14.3	44	6.7	1974	
11	64.8	18.2	72.0	22.2	80	26.7	1968*	57.6	14.2	38	3.3	1973	57.6	14.2	38	3.3	1973	
12	66.1	18.9	73.7	23.2	84	28.9	1963	58.6	14.8	48	8.9	1960	58.6	14.8	48	8.9	1960	
13	65.5	18.6	73.4	23.0	82	27.8	1976	57.6	14.2	46	7.8	1959	57.6	14.2	46	7.8	1959	
14	65.3	18.5	72.6	22.6	83	28.3	1972	58.1	14.5	42	5.6	1959	58.1	14.5	42	5.6	1959	
15	66.0	18.9	74.1	23.4	84	28.9	1969	57.9	14.4	41	5.0	1950	57.9	14.4	41	5.0	1950	
16	64.4	18.0	72.7	22.6	81	27.2	1967	56.2	13.4	39	3.9	1962	56.2	13.4	39	3.9	1962	
17	65.2	18.4	73.1	22.8	82	27.8	1955	57.4	14.1	39	3.9	1962	57.4	14.1	39	3.9	1962	
18	68.1	20.1	74.6	23.7	86	30.0	1967	61.6	16.4	49	9.4	1956	61.6	16.4	49	9.4	1956	
19	68.3	20.2	75.8	24.3	83	28.3	1976*	60.9	16.1	44	6.7	1953	60.9	16.1	44	6.7	1953	
20	68.5	20.3	74.9	23.8	82	27.8	1963	62.0	16.7	48	8.9	1953	62.0	16.7	48	8.9	1953	
21	69.9	21.1	75.2	24.0	82	27.8	1972*	64.6	18.1	47	8.3	1953	64.6	18.1	47	8.3	1953	
22	71.0	21.7	76.6	24.8	85	29.4	1958	65.4	18.6	53	11.7	1975	65.4	18.6	53	11.7	1975	
23	71.0	21.7	77.1	25.1	83	28.3	1963	64.9	18.3	49	9.4	1959	64.9	18.3	49	9.4	1959	
24	70.8	21.6	77.1	25.1	85	29.4	1972	64.4	18.0	50	10.0	1968*	64.4	18.0	50	10.0	1968*	
25	69.7	20.9	76.1	24.5	82	27.8	1964*	63.2	17.3	46	7.8	1968	63.2	17.3	46	7.8	1968	
26	69.9	21.1	76.7	24.8	84	28.9	1955	63.1	17.3	52	11.1	1977*	63.1	17.3	52	11.1	1977*	
27	70.7	21.5	77.3	25.2	83	28.3	1970*	64.0	17.8	49	9.4	1976	64.0	17.8	49	9.4	1976	
28	71.3	21.8	77.7	25.4	84	28.9	1952	64.9	18.3	52	11.1	1973	64.9	18.3	52	11.1	1973	
29	72.0	22.2	78.6	25.9	90	32.2	1952	65.4	18.6	51	10.6	1965	65.4	18.6	51	10.6	1965	
30	71.8	22.1	78.3	25.7	87	30.6	1955	65.4	18.6	51	10.6	1969*	65.4	18.6	51	10.6	1969*	
31																		
Monthly	67.1	19.5	74.2	23.4	90	32.2	1952	60.1	15.6	37	2.8	1971	60.1	15.6	37	2.8	1971	

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25 DAILY AVERAGE/EXTREME TEMP MAR 1978

STATION 03855 PENSACOLA, FLORIDA STATION NAME 1949-1977 YEARS MAY MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	
1	71.4	21.9	77.9	25.5	84	28.9	64.9	18.3	1975
2	71.7	22.1	77.9	25.5	88	31.1	65.6	18.7	1975
3	71.0	21.7	78.2	25.7	83	28.3	63.8	17.7	1975*
4	71.0	21.7	78.8	26.0	88	31.1	63.2	17.3	1975
5	71.4	21.9	79.2	26.2	86	30.0	63.6	17.6	1959
6	71.9	22.2	79.0	26.1	91	32.8	64.8	18.2	1949
7	72.9	22.7	80.5	26.9	92	33.3	65.4	18.6	1949
8	73.2	22.9	80.1	26.7	89	31.7	66.2	19.0	1959
9	73.5	23.1	80.3	26.8	89	31.7	66.8	19.3	1966
10	73.0	22.8	79.7	26.5	89	31.7	66.2	19.0	1975
11	72.7	22.6	79.0	26.1	86	30.0	66.4	19.1	1963*
12	73.1	22.8	80.0	26.7	92	33.3	66.2	19.0	1974*
13	73.1	22.8	80.2	26.8	86	30.0	66.0	18.9	1974*
14	73.5	23.1	80.1	26.7	87	30.6	66.9	19.4	1959
15	73.2	22.9	80.0	26.7	88	31.1	66.4	19.1	1963
16	73.6	23.1	80.8	27.1	91	32.8	66.3	19.1	1962
17	74.0	23.3	81.2	27.3	86	30.0	66.7	19.3	1957
18	74.7	23.7	81.9	27.7	91	32.8	67.5	19.7	1975
19	75.4	24.1	82.7	28.2	90	32.2	68.1	20.1	1975*
20	75.6	24.2	83.3	28.5	90	32.2	67.9	19.9	1962
21	76.3	24.6	83.3	28.5	92	33.3	69.2	20.7	1964
22	76.2	24.6	82.5	28.1	93	33.9	69.9	21.1	1975
23	76.5	24.7	83.3	28.5	93	33.9	69.6	20.9	1975
24	76.5	24.7	83.5	28.6	91	32.8	69.5	20.8	1969
25	76.9	24.9	84.3	29.1	91	32.8	69.4	20.8	1975*
26	76.9	24.9	84.2	29.0	96	35.6	69.6	20.9	1953
27	77.3	25.2	84.6	29.2	93	33.9	70.1	21.2	1953
28	77.3	25.2	84.2	29.0	92	33.3	70.3	21.3	1975
29	76.4	24.7	83.9	28.8	91	32.8	68.9	20.5	1975
30	77.1	25.1	84.7	29.3	92	33.3	69.5	20.8	1963
31	77.0	25.0	84.6	29.2	90	32.2	69.5	20.8	1969*
Monthly	74.3	23.5	81.4	27.4	96	35.6	67.2	19.6	1953

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

03855

PENSACOLA, FLORIDA

1949-1977

JUNE

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	77.7	25.4	84.8	29.3	93	33.9	70.5	21.4	56	13.3	1972
2	76.8	24.9	84.3	29.1	91	32.8	69.4	20.8	54	12.2	1972
3	76.9	24.9	84.8	29.3	92	33.3	69.1	20.6	58	14.4	1956
4	77.4	25.2	85.4	29.7	93	33.9	69.5	20.8	60	15.6	1956
5	77.7	25.4	84.5	29.2	92	33.3	71.0	21.7	63	17.2	1956
6	78.0	25.6	85.3	29.6	94	34.4	70.7	21.5	62	16.7	1976
7	78.3	25.8	86.0	30.0	93	33.9	71.1	21.7	61	16.1	1976
8	78.9	26.1	85.4	29.7	94	34.4	72.4	22.4	58	14.4	1976
9	79.9	26.6	86.2	30.1	98	36.7	73.7	23.2	60	15.6	1976
10	79.7	26.5	86.2	30.1	94	34.4	73.2	22.9	60	15.6	1976
11	79.9	26.6	86.9	30.5	94	34.4	72.9	22.7	64	17.8	1960
12	79.9	26.6	87.0	30.6	94	34.4	72.8	22.7	63	17.2	1960
13	80.5	26.9	86.9	30.5	92	33.3	74.0	23.3	63	17.2	1960
14	81.0	27.2	87.4	30.8	97	36.1	74.5	23.6	67	19.4	1976
15	81.0	27.2	87.2	30.7	93	33.9	74.9	23.8	68	20.0	1976*
16	80.1	26.7	86.9	30.5	92	33.3	73.3	22.9	65	18.3	1969
17	79.8	26.6	86.8	30.4	92	33.3	72.9	22.7	62	16.7	1969
18	80.9	27.2	87.6	30.9	99	37.2	74.2	23.4	66	18.9	1961
19	80.7	27.1	87.3	30.7	96	35.6	74.1	23.4	65	18.3	1972
20	80.9	27.2	87.5	30.8	95	35.0	74.2	23.4	68	20.0	1972
21	80.5	26.9	87.0	30.6	95	35.0	74.0	23.3	63	17.2	1976
22	80.6	27.0	87.4	30.8	92	33.3	73.8	23.2	58	14.4	1976
23	81.4	27.4	87.2	30.7	92	33.3	75.6	24.2	67	19.4	1972
24	80.9	27.2	86.9	30.5	92	33.3	74.9	23.8	66	18.9	1962*
25	81.0	27.2	87.4	30.8	92	33.3	74.5	23.6	61	16.1	1974
26	81.4	27.4	87.9	31.1	96	35.6	74.8	23.8	68	20.0	1974*
27	81.4	27.4	88.8	31.6	94	34.4	74.0	23.3	63	17.2	1974
28	81.2	27.3	88.4	31.3	96	35.6	74.1	23.4	63	17.2	1974
29	81.4	27.4	88.5	31.4	97	36.1	74.3	23.5	66	18.9	1961
30	81.7	27.6	88.1	31.2	94	34.4	75.3	24.1	67	19.4	1974
31											
Monthly	79.9	26.6	86.7	30.4	99	37.2	73.1	22.8	54	12.2	1972

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

03855

PENSACOLA, FLORIDA

1949-1977

JULY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	81.5	27.5	88.1	31.2	92	33.3	74.8	23.8	67	19.4	1961
2	81.9	27.7	88.7	31.5	96	35.6	75.1	23.9	68	20.0	1976
3	81.6	27.6	88.2	31.2	94	34.4	74.9	23.8	68	20.0	1961
4	81.0	27.2	87.4	30.8	92	33.3	74.6	23.7	69	20.6	1960
5	81.6	27.6	88.8	31.6	98	36.7	74.4	23.6	70	21.1	1968*
6	81.9	27.7	88.4	31.3	93	33.9	75.3	24.1	69	20.6	1976
7	81.8	27.7	88.2	31.2	94	34.4	75.5	24.2	67	19.4	1972
8	81.6	27.6	88.0	31.1	99	37.2	75.2	24.0	68	20.0	1964
9	81.8	27.7	88.4	31.3	98	36.7	75.2	24.0	70	21.1	1972*
10	81.1	27.3	88.0	31.1	98	36.7	74.2	23.4	70	21.1	1967*
11	80.8	27.1	87.4	30.8	96	35.6	74.1	23.4	67	19.4	1964*
12	81.4	27.4	88.2	31.2	95	35.0	74.6	23.7	70	21.1	1963
13	81.1	27.3	87.5	30.8	93	33.9	74.6	23.7	68	20.0	1972
14	81.3	27.4	87.8	31.0	95	35.0	74.7	23.7	66	18.9	1967
15	81.5	27.5	88.0	31.1	94	34.4	75.0	23.9	61	16.1	1967
16	81.4	27.4	87.8	31.0	92	33.3	74.9	23.8	62	16.7	1967
17	81.7	27.6	88.1	31.2	95	35.0	75.3	24.1	69	20.6	1969
18	81.8	27.7	88.1	31.2	92	33.3	75.4	24.1	69	20.6	1967
19	82.1	27.8	88.2	31.2	94	34.4	76.0	24.4	71	21.7	1967
20	81.9	27.7	88.3	31.3	95	35.0	75.4	24.1	68	20.0	1967
21	81.4	27.4	87.6	30.9	94	34.4	75.3	24.1	70	21.1	1976
22	81.9	27.7	88.7	31.5	95	35.0	75.2	24.0	69	20.6	1956
23	81.5	27.5	88.6	31.4	96	35.6	74.5	23.6	70	21.1	1976*
24	81.5	27.5	88.0	31.1	96	35.6	74.9	23.8	66	18.9	1963
25	82.2	27.9	88.6	31.4	93	33.9	75.8	24.3	70	21.1	1963
26	82.0	27.8	88.4	31.3	98	36.7	75.5	24.2	69	20.6	1963
27	81.8	27.7	88.4	31.3	98	36.7	75.2	24.0	71	21.7	1976*
28	82.1	27.8	88.9	31.6	96	35.6	75.3	24.1	70	21.1	1969
29	82.6	28.1	89.0	31.7	95	35.0	76.1	24.5	71	21.7	1974
30	81.7	27.6	88.4	31.3	94	34.4	74.9	23.8	70	21.1	1976*
31	81.4	27.4	88.0	31.1	93	33.9	74.9	23.8	69	20.6	1971
Monthly	81.6	27.6	88.2	31.2	99	37.2	75.1	23.9	61	16.1	1967

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

03855

PENSACOLA, FLORIDA

1949-1977

AUGUST

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		EXTREME		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	82.0	27.8	88.6	31.4	94	34.4	1968*	34.4	75.4	24.1	70	21.1	70	21.1	1971
2	81.9	27.7	88.2	31.2	96	35.6	1950	35.6	75.6	24.2	70	21.1	70	21.1	1976
3	82.0	27.8	88.9	31.6	95	35.0	1964	35.0	75.1	23.9	70	21.1	70	21.1	1976*
4	82.1	27.8	88.5	31.4	96	35.6	1972	35.6	75.8	24.3	69	20.6	69	20.6	1969
5	82.2	27.9	88.8	31.6	97	36.1	1972	36.1	75.6	24.2	70	21.1	70	21.1	1969
6	81.9	27.7	88.7	31.5	95	35.0	1972	35.0	75.1	23.9	70	21.1	70	21.1	1974*
7	82.7	28.2	89.6	32.0	100	37.8	1956	37.8	75.7	24.3	68	20.0	68	20.0	1974*
8	82.2	27.9	88.9	31.6	96	35.6	1972	35.6	75.6	24.2	70	21.1	70	21.1	1975
9	82.0	27.8	88.4	31.3	94	34.4	1972	34.4	75.6	24.2	62	16.7	62	16.7	1976
10	82.2	27.9	89.3	31.8	95	35.0	1962*	35.0	75.1	23.9	59	15.0	59	15.0	1976
11	81.9	27.7	89.0	31.7	95	35.0	1972*	35.0	74.9	23.8	61	16.1	61	16.1	1976
12	82.3	27.9	89.4	31.9	95	35.0	1972	35.0	75.1	23.9	62	16.7	62	16.7	1967
13	82.5	28.1	89.5	31.9	98	36.7	1972	36.7	75.4	24.1	68	20.0	68	20.0	1967
14	81.4	27.4	88.2	31.2	92	33.3	1976	33.3	74.7	23.7	68	20.0	68	20.0	1967
15	81.8	27.7	88.6	31.4	92	33.3	1976*	33.3	75.0	23.9	68	20.0	68	20.0	1969
16	81.8	27.7	88.6	31.4	96	35.6	1976	35.6	75.0	23.9	69	20.6	69	20.6	1967
17	81.8	27.7	88.7	31.5	94	34.4	1968	34.4	74.8	23.8	70	21.1	70	21.1	1967
18	82.0	27.8	88.9	31.6	95	35.0	1968	35.0	75.1	23.9	71	21.7	71	21.7	1973
19	81.6	27.6	88.8	31.6	97	36.1	1972	36.1	74.4	23.6	65	18.3	65	18.3	1976
20	81.6	27.6	89.1	31.7	100	37.8	1972	37.8	74.1	23.4	68	20.0	68	20.0	1976
21	81.4	27.4	88.1	31.2	95	35.0	1968	35.0	74.6	23.7	68	20.0	68	20.0	1961
22	80.9	27.2	87.9	31.1	95	35.0	1968*	35.0	73.8	23.2	64	17.8	64	17.8	1973*
23	80.9	27.2	87.7	30.9	96	35.6	1955	35.6	74.1	23.4	67	19.4	67	19.4	1973
24	80.8	27.1	87.8	31.0	98	36.7	1968	36.7	73.7	23.2	67	19.4	67	19.4	1966
25	80.8	27.1	87.4	30.8	94	34.4	1972*	34.4	74.1	23.4	67	19.4	67	19.4	1966
26	80.7	27.1	87.2	30.7	95	35.0	1972	35.0	74.1	23.4	67	19.4	67	19.4	1966
27	81.1	27.3	88.6	31.4	96	35.6	1972	35.6	73.6	23.1	66	18.9	66	18.9	1958
28	81.4	27.4	88.2	31.2	95	35.0	1975	35.0	74.6	23.7	69	20.6	69	20.6	1968
29	81.5	27.5	88.7	31.5	98	36.7	1954	36.7	74.3	23.5	68	20.0	68	20.0	1973
30	81.1	27.3	88.2	31.2	94	34.4	1976*	34.4	73.9	23.3	69	20.6	69	20.6	1968
31	81.1	27.3	88.2	31.2	93	33.9	1954	33.9	74.0	23.3	68	20.0	68	20.0	1968
Monthly	81.7	27.6	88.5	31.4	100	37.8	1972*	37.8	74.8	23.8	59	15.0	59	15.0	1976

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

125 DAILY AVERAGE/EXTREME TEMP MAR 1978

03855 STATION PENSACOLA, FLORIDA STATION NAME 1949-1977 YEARS SEPTEMBER MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		DATE
	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	
1	81.0	27.2	88.1	31.2	95	35.0	95	35.0	74.0	23.3	66	18.9	1967
2	80.6	27.0	87.7	30.9	98	36.7	98	36.7	73.6	23.1	64	17.8	1967
3	80.4	26.9	87.0	30.6	93	33.9	93	33.9	73.8	23.2	67	19.4	1974
4	80.3	26.8	86.7	30.4	93	33.9	93	33.9	74.0	23.3	63	17.2	1974*
5	80.5	26.9	86.7	30.4	95	35.0	95	35.0	74.3	23.5	62	16.7	1974
6	79.9	26.6	85.6	29.8	94	34.4	94	34.4	74.1	23.4	66	18.9	1953*
7	80.2	26.8	86.7	30.4	93	33.9	93	33.9	73.7	23.2	63	17.2	1950
8	80.3	26.8	87.3	30.7	94	34.4	94	34.4	73.3	22.9	63	17.2	1950
9	79.9	26.6	86.2	30.1	97	36.1	97	36.1	73.5	23.1	65	18.3	1957
10	79.3	26.3	85.8	29.9	92	33.3	92	33.3	72.8	22.7	60	15.6	1976
11	78.7	25.9	85.6	29.8	95	35.0	95	35.0	71.8	22.1	55	12.8	1976
12	78.4	25.8	85.2	29.6	94	34.4	94	34.4	71.6	22.0	60	15.6	1969
13	78.3	25.7	85.0	29.4	91	32.8	91	32.8	71.5	21.9	63	17.2	1969*
14	77.9	25.5	85.2	29.6	92	33.3	92	33.3	70.6	21.4	58	14.4	1964
15	78.0	25.6	84.9	29.4	93	33.9	93	33.9	71.1	21.7	60	15.6	1976
16	77.9	25.5	83.9	28.8	93	33.9	93	33.9	71.8	22.1	55	12.8	1961
17	78.3	25.7	84.3	29.1	89	31.7	89	31.7	72.3	22.4	62	16.7	1967*
18	78.2	25.7	84.8	29.3	93	33.9	93	33.9	71.5	21.9	58	14.4	1961
19	78.3	25.7	85.5	29.7	92	33.3	92	33.3	71.0	21.7	59	15.0	1973
20	78.6	25.9	85.7	29.8	92	33.3	92	33.3	71.5	21.9	59	15.0	1973
21	78.4	25.8	85.1	29.5	94	34.4	94	34.4	71.8	22.1	63	17.2	1973*
22	77.8	25.4	84.7	29.3	93	33.9	93	33.9	70.9	21.6	62	16.7	1966
23	76.6	24.8	84.2	29.0	93	33.9	93	33.9	69.1	20.6	59	15.0	1975*
24	76.7	24.8	83.8	28.8	94	34.4	94	34.4	69.6	20.9	51	10.6	1975
25	76.5	24.7	83.8	28.8	92	33.3	92	33.3	69.1	20.6	49	9.4	1975
26	76.8	24.9	83.8	28.8	92	33.3	92	33.3	69.8	21.0	50	10.0	1975
27	76.6	24.8	83.8	28.8	93	33.9	93	33.9	69.4	20.8	49	9.4	1975
28	75.7	24.3	83.2	28.4	94	34.4	94	34.4	68.1	20.1	52	11.1	1975
29	75.4	24.1	82.8	28.2	91	32.8	91	32.8	67.9	19.9	46	7.8	1967
30	74.7	23.7	82.0	27.8	90	32.2	90	32.2	67.5	19.7	51	10.6	1967
31													
Monthly	78.3	25.7	85.2	29.6	98	36.7	98	36.7	71.5	21.9	46	7.8	1967

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1977

STATION 03855 PENSACOLA, FLORIDA STATION NAME 1949-1977 YEARS MONTH OCTOBER

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	74.0	23.3	81.7	27.6	90	32.2	66.3	19.1	48	8.9	1971
2	74.5	23.6	82.7	28.2	90	32.2	66.2	19.0	47	8.3	1971*
3	74.0	23.3	82.0	27.8	90	32.2	66.0	18.9	48	8.9	1968
4	74.0	23.3	82.1	27.8	90	32.2	65.9	18.8	49	9.4	1971
5	73.6	23.1	81.4	27.4	91	32.8	65.8	18.8	50	10.0	1973
6	73.3	22.9	81.2	27.3	88	31.1	65.4	18.6	47	8.3	1973
7	72.7	22.6	80.7	27.1	88	31.1	64.8	18.2	44	6.7	1956*
8	72.2	22.3	80.0	26.7	89	31.7	64.3	17.9	47	8.3	1968
9	71.6	22.0	80.5	26.9	87	30.6	62.7	17.1	47	8.3	1968*
10	71.0	21.7	80.0	26.7	88	31.1	62.1	16.7	47	8.3	1960
11	70.9	21.6	79.6	26.4	86	30.0	62.2	16.8	44	6.7	1970*
12	71.7	22.1	80.6	27.0	86	30.0	62.8	17.1	49	9.4	1975*
13	71.7	22.1	80.4	26.9	89	31.7	63.0	17.2	42	5.6	1960
14	71.7	22.1	80.1	26.7	89	31.7	63.4	17.4	39	3.9	1972
15	71.0	21.7	79.0	26.1	89	31.7	63.0	17.2	39	3.9	1972
16	70.5	21.4	78.7	25.9	88	31.1	62.2	16.8	41	5.0	1960
17	69.6	20.9	78.2	25.7	89	31.7	60.9	16.1	39	3.9	1972
18	68.9	20.5	78.2	25.7	87	30.6	59.6	15.3	41	5.0	1972*
19	67.8	19.9	77.3	25.2	86	30.0	58.3	14.6	44	6.7	1972
20	65.3	18.5	74.8	23.8	84	28.9	55.8	13.2	41	5.0	1968*
21	66.8	19.3	75.7	24.3	86	30.0	57.8	14.3	41	5.0	1963
22	67.7	19.8	77.1	25.1	86	30.0	58.2	14.6	41	5.0	1963
23	69.2	20.7	78.3	25.7	87	30.6	60.0	15.6	46	7.8	1953
24	68.3	20.2	76.7	24.8	85	29.4	59.8	15.4	47	8.3	1953
25	65.8	18.8	75.1	23.9	84	28.9	56.4	13.6	42	5.6	1958
26	64.7	18.2	74.9	23.8	83	28.3	54.5	12.5	40	4.4	1973
27	65.8	18.8	75.2	24.0	85	29.4	56.4	13.6	38	3.3	1963
28	65.2	18.4	74.0	23.3	88	31.1	56.3	13.5	36	2.2	1963
29	64.1	17.8	72.7	22.6	85	29.4	55.6	13.1	39	3.9	1971
30	65.5	18.6	73.6	23.1	82	27.8	57.5	14.2	41	5.0	1971*
31	65.6	18.7	74.3	23.5	84	28.9	56.9	13.8	42	5.6	1961
Monthly	69.6	20.9	78.3	25.7	91	32.8	61.0	16.1	36	2.2	1973

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION 03453 PENSACOLA, FLORIDA 1949-1977 YEARS MONTH NOVEMBER

DAY	MEAN TEMP		MAXIMUM TEMP				MINIMUM TEMP				DATE
	° F	° C	AVERAGE ° F	° C	EXTREME ° F	° C	AVERAGE ° F	° C	EXTREME ° F	° C	
1	64.7	18.2	74.3	23.5	84	28.9	59.0	12.8	40	4.4	1962
2	63.7	17.6	72.8	22.7	86	30.0	54.6	12.6	33	0.6	1966
3	62.0	16.7	71.9	22.2	86	30.0	52.1	11.2	28	-2.2	1966
4	60.4	15.8	68.8	20.4	83	28.3	51.9	11.1	32	0.0	1966
5	60.1	15.6	68.8	20.4	82	27.8	51.4	10.8	32	0.0	1976
6	59.6	15.3	68.6	20.3	78	25.6	50.6	10.3	32	0.0	1976
7	59.9	15.5	69.8	21.0	82	27.8	50.1	10.1	29	-1.7	1959
8	59.6	15.3	68.9	20.5	81	27.2	50.4	10.2	31	-0.6	1976
9	60.1	15.6	68.7	20.4	82	27.8	51.5	10.8	30	-1.1	1976
10	58.5	14.7	68.5	20.3	81	27.2	48.6	9.2	36	2.2	1956
11	59.3	15.2	68.6	20.3	80	26.7	50.0	10.0	37	2.8	1971
12	61.1	16.2	70.4	21.3	81	27.2	51.8	11.0	33	0.6	1968
13	61.4	16.3	69.8	21.0	79	26.1	53.1	11.7	32	0.0	1968
14	60.8	16.0	69.5	20.8	81	27.2	52.1	11.2	30	-1.1	1963
15	60.5	15.8	68.3	20.2	80	26.7	52.7	11.5	30	-1.1	1969
16	61.5	16.4	70.4	21.3	81	27.2	52.5	11.4	34	1.1	1973
17	60.4	15.8	68.6	20.3	78	25.6	52.2	11.2	33	0.6	1970
18	59.3	15.2	68.2	20.1	78	25.6	50.4	10.2	28	-2.2	1951
19	59.6	15.3	68.9	20.5	79	26.1	50.3	10.2	33	0.6	1951
20	58.6	14.8	67.1	19.5	80	26.7	50.0	10.0	33	0.6	1968
21	57.6	14.2	67.0	19.4	77	25.0	48.1	8.9	34	1.1	1968
22	57.3	14.1	66.4	19.1	78	25.6	48.1	8.9	30	-1.1	1976
23	57.4	14.1	66.2	19.0	78	25.6	48.6	9.2	29	-1.7	1976
24	58.1	14.5	67.3	19.6	82	27.8	48.9	9.4	24	-4.4	1970
25	56.4	13.6	65.7	18.7	80	26.7	47.1	8.4	21	-6.1	1950
26	57.9	14.4	66.8	19.3	82	27.8	49.0	9.4	33	0.6	1977
27	59.2	15.1	68.9	20.5	81	27.2	49.3	9.7	34	1.1	1962*
28	57.7	14.3	66.0	18.9	79	26.1	49.4	9.7	34	1.1	1959
29	53.3	11.8	61.4	16.3	74	23.3	43.2	7.3	28	-2.2	1953
30	52.1	11.2	61.5	16.4	77	25.0	42.7	5.9	25	-3.9	1976
31											
Monthly	59.3	15.2	68.3	20.2	86	30.0	50.3	10.2	21	-6.1	1950

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

03855

PENSACOLA, FLORIDA

1949-1977

DECEMBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	52.4	11.3	62.1	16.7	73	22.8	73	22.8	42.7	5.9	26	-3.3	1976
2	56.2	13.4	65.2	18.4	78	25.6	78	25.6	47.2	8.4	30	-1.1	1960
3	57.0	13.9	66.0	18.9	76	24.4	76	24.4	48.1	8.9	30	-1.1	1976
4	56.8	13.8	65.9	18.8	77	25.0	77	25.0	47.8	8.8	32	0.0	1974
5	56.9	13.8	65.9	18.8	77	25.0	77	25.0	47.9	8.8	32	0.0	1974
6	56.4	13.6	65.6	18.7	78	25.6	78	25.6	47.2	8.4	31	-0.6	1962
7	54.5	12.5	63.1	17.3	74	23.3	74	23.3	45.9	7.7	28	-2.2	1977
8	55.4	13.0	63.9	17.7	72	22.2	72	22.2	47.0	8.3	30	-1.1	1968*
9	54.6	12.6	63.7	17.6	77	25.0	77	25.0	45.4	7.4	29	-1.7	1968
10	53.1	11.7	61.5	16.4	80	26.7	80	26.7	44.6	7.0	27	-2.8	1977
11	55.1	12.8	63.9	17.7	78	25.6	78	25.6	46.2	7.9	26	-3.3	1962*
12	55.2	12.9	63.3	17.4	78	25.6	78	25.6	47.1	8.4	11	-11.7	1962
13	54.2	12.3	62.3	16.8	78	25.6	78	25.6	46.1	7.8	7	-13.9	1962
14	53.0	11.7	60.2	15.7	77	25.0	77	25.0	45.8	7.7	26	-3.3	1962*
15	52.8	11.6	61.1	16.2	77	25.0	77	25.0	44.4	6.9	24	-4.4	1963
16	51.7	10.9	60.4	15.8	77	25.0	77	25.0	43.0	6.1	25	-3.9	1968*
17	52.6	11.4	62.2	16.8	77	25.0	77	25.0	43.0	6.1	26	-3.3	1963
18	52.5	11.4	61.9	16.6	75	23.9	75	23.9	43.2	6.2	26	-3.3	1975*
19	54.6	12.6	63.3	17.4	74	23.3	74	23.3	45.8	7.7	21	-6.1	1975
20	55.7	13.2	63.4	17.4	73	22.8	73	22.8	48.0	8.9	26	-3.3	1963
21	53.1	11.7	61.4	16.3	76	24.4	76	24.4	44.8	7.1	26	-3.3	1975*
22	52.2	11.2	61.3	16.3	79	26.1	79	26.1	43.1	6.2	22	-5.6	1960
23	52.8	11.6	61.3	16.3	75	23.9	75	23.9	44.4	6.9	24	-4.4	1960
24	52.7	11.5	61.2	16.2	75	23.9	75	23.9	44.2	6.8	25	-3.9	1975*
25	53.4	11.9	61.2	16.2	74	23.3	74	23.3	45.6	7.6	27	-2.8	1966
26	51.9	11.1	60.3	15.7	76	24.4	76	24.4	43.4	6.3	26	-3.3	1977
27	53.2	11.8	61.4	16.3	74	23.3	74	23.3	45.0	7.2	22	-5.6	1977
28	54.9	12.7	63.1	17.3	75	23.9	75	23.9	46.7	8.2	30	-1.1	1977
29	54.8	12.7	62.4	16.9	77	25.0	77	25.0	47.2	8.4	28	-2.2	1961
30	56.1	13.4	64.1	17.8	77	25.0	77	25.0	48.0	8.9	31	-0.6	1961
31	54.8	12.7	61.9	16.6	77	25.0	77	25.0	47.7	8.7	29	-1.7	1963
Monthly	54.2	12.3	62.7	17.1	80	26.7	80	26.7	45.7	7.6	7	-13.9	1962

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

55-77

PENSACOLA, FLORIDA

STATION NAME

STATION

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55	72	70	76	87		90	94	96	92	87	79	75	
56	70	72	77	78	89	91	93	100	89	88	79	75	100
57	75	75	79	79	86	90	98	92	89	82	82	69	98
58	66	70	71	85	90	92	95	95	93	86	82	77	95
59	71	74	79	82	91	94	91	95	91	88	82	71	93
60	72	70	76	82	88	92	98	94	94	89	81	75	98
61	64	78	78	81	90	90	94	94	95	86	83	78	95
62	74	75	74	80	91	88	94	95	90	87	75	71	95
63	70	72	82	84	92	98	93	95	93	88	78	70	98
64	70	66	77	86	92	95	92	95	94	82	80	76	95
65	75	73	80	81	90	92	95	92	91	81	82	75	93
66	74	68	77	81	89	94	99	94	89	89	80	73	99
67	73	74	77	86	90	94	90	90	93	86	78	76	94
68	73	73	76	80	90	94	96	98	94	90	80	71	98
69	75	76	76	84	91	97	95	92	93	88	81	73	97
70	70	72	74	85	91	97	96	94	95	89	76	79	98
71	78	74	81	83	87	94	95	94	89	90	86	77	95
72	78	76	81	85	88	93	94	100	97	89	86	80	100
73	72	72	79	82	87	92	98	92	89	91	86	73	98
74	76	77	81	81	92	94	95	90	89	86	83	75	95
75	76	80	81	85	94	94	98	95	98	87	82	76	98
76	72	77	78	83	84	93	96	96	91	85	75	69	96
77	72	73	81	84	90	93	93	90	92	88	77	76	93
MEAN	72.5	73.3	77.9	82.8	89.6	93.1	95.0	94.3	92.2	87.0	80.8	74.3	96.6
S. D.	3.422	3.284	2.768	2.430	2.279	2.410	2.621	2.734	2.657	2.602	3.203	3.064	1.992
TOTAL OBS.	713	650	713	690	682	690	713	713	690	713	690	713	8370

NAVWEASERVCOM

5723 Extreme Values Jan 1969

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME
03835	PENSACOLA, FLORIDA

55-77

YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

03855 PENSACOLA, FLORIDA
STATION NAME

55-77

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55	32	25	28	56		65	72	71	69	43	28	25	
56	30	37	34	48	54	58	69	64	60	53	31	36	30
57	25	42	37	43	53	70	72	70	60	36	34	21	21
58	24	21	38	45	52	65	71	66	61	48	32	27	21
59	26	33	41	42	61	70	70	71	67	50	29	32	26
60	24	27	25	44	44	63	69	70	65	46	37	22	22
61	22	31	39	44	50	64	67	67	53	47	34	28	22
62	11	32	28	39	56	65	68	67	60	44	34	7	7
63	9	28	39	50	56	66	66	70	53	41	30	24	9
64	21	25	39	45	54	62	67	71	58	41	34	29	21
65	21	28	35	51	52	67	71	70	58	40	34	29	21
66	9	27	30	44	54	59	71	67	62	49	28	27	9
67	29	27	39	53	54	67	61	62	46	43	31	28	27
68	26	29	30	46	51	65	70	68	66	39	32	25	25
69	24	34	33	49	52	61	69	68	58	52	30	33	24
70	20	19	34	47	51	64	70	70	56	55	24	29	19
71	25	25	32	37	47	65	69	70	62	46	36	41	25
72	21	29	39	45	56	54	67	72	56	49	39	28	21
73	26	27	40	38	54	68	72	64	59	43	40	25	25
74	46	25	43	44	58	61	69	68	58	48	38	30	25
75	27	31	37	39	64	67	71	70	49	44	29	21	21
76	21	23	31	41	50	58	68	59	55	41	25	26	21
77	13	24	31	45	57	64	73	71	70	39	33	22	13
MEAN	23.1	28.2	36.9	45.0	53.6	63.8	69.2	68.1	59.3	45.2	32.3	26.7	20.7
S. D.	8.007	5.152	4.846	4.739	4.337	3.950	2.553	3.274	5.765	4.905	4.189	6.412	6.043
TOTAL OBS.	713	650	713	690	682	690	713	713	690	713	690	713	8370

JAN
MONTH

05 PSYCHROMETRIC SUMMARY JAN 68

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL	
																				Dry Bulb	Wet Bulb
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
76/ 75				.3	.1													5	5		
74/ 73				.2	.2													5	5		
72/ 71		.2	1.0	.3	.2	.1	.1			.2								25	25	5	
70/ 69	.2	1.5	1.4	.2	.2	.2	.2	.1										45	45	10	
68/ 67	.4	3.0	1.4	.6	.6	.2	.2	.2										81	81	67	
66/ 65	1.4	2.5	1.3	.1	.2	.3	.5	.1	.1									80	80	66	
64/ 63	2.1	4.2	.8	.5	.6	.5	.4	.1										113	113	77	
62/ 61	1.0	2.5	.9	.8	.2	.3	.3	.1	.1									72	72	64	
60/ 59	.4	1.5	1.0	.4	.6	.3	.1	.1										54	54	62	
58/ 57	.2	1.7	.9	1.0	1.0	.2	.2											64	64	49	
56/ 55	.7	1.3	.8	.6	.3	.5	.2	.1	.1									58	58	54	
54/ 53	.6	1.2	1.1	1.8	.3	.2	.2	.2										69	69	59	
52/ 51	.9	1.0	.7	.8	1.0	.2	.1											60	60	62	
50/ 49	.8	.7	1.5	1.0	.4	.2	.1	.1										59	59	62	
48/ 47	.6	1.4	.7	.5	.8	.5	.2											57	57	63	
46/ 45	.4	.6	1.4	.5	.3	.2	.1											44	44	64	
44/ 43	.4	.9	1.8	.8	.6	.2	.2											60	60	52	
42/ 41	.5	.5	.8	.8	.5	.2												35	35	41	
40/ 39	.3	.6	.8	1.0	.6	.4												48	48	52	
38/ 37		1.0	.5	.6	.2	.1												31	31	38	
36/ 35		1.0	1.0	.7	.3													38	38	50	
34/ 33	.1	1.0	1.1	.6	.3													39	39	43	
32/ 31	.2	.9	1.0	.6														34	34	43	
30/ 29		.5	1.0	.5	.1													26	26	39	
28/ 27	.1	.3	.6	.1														14	14	35	
26/ 25		.3	.5															10	10	26	
24/ 23		.1	.3															5	5	15	
22/ 21			.3															4	4	8	
20/ 19			.1															1	1	5	
18/ 17		.1																1	1	2	
16/ 15		.1																1	1	1	
14/ 13		.1																1	1	2	
12/ 11																					
10/ 9																					
Element (X)	ΣX ²	ΣX	̄X	σ _x	No. Obs.	Mean No. of Hours with Temperature												TOTAL			
Rel. Hum.						≥ 67 F												≥ 80 F	≥ 93 F	Total	
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

[illegible]

PSYCHROMETRIC SUMMARY

03855

PENSACOLA, FLORIDA

73-77

MAR

MONTH

YEARS

STATION

STATION NAME

STATION

PSYCHROMETRIC SUMMARY JAN 68

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
80/ 79			.1	.3	.1	.1	.1	.1			.1	.1			.1			11	11			
78/ 77			.8	.2	.6	.2	.2	.1										23	23			
76/ 75			1.0	.5	.6	.4	.2	.2	.2	.1								37	37	1		
74/ 73		1.3	1.5	1.5	1.1	.2	.2	.2	.2									77	77	24	4	
72/ 71	.3	2.7	1.9	1.5	.4	.6	.1	.2										96	96	49	39	
70/ 69	1.6	4.3	2.7	1.3	.7	.7	.6	.3	.2	.1	.2							157	157	88	83	
68/ 67	.6	5.6	3.9	.6	.8	1.0	.2	.2										159	159	128	65	
66/ 65	.6	2.5	3.6	1.0	1.5	.7	.5	.1	.1	.2								134	134	144	124	
64/ 63	.3	3.5	1.0	1.1	1.0	.8	.3	.1	.2									104	104	109	91	
62/ 61	.5	1.6	.4	1.5	1.4	.5	.3	.3	.2									83	83	100	125	
60/ 59	.1	1.6	.5	.6	.6	.8		.1										54	54	75	85	
58/ 57	.1	1.7	.7	.6	.3	.3	.1	.2										50	50	83	50	
56/ 55		.9	.6	.6	.6	.2	.2	.2										41	41	80	62	
54/ 53	.1	1.2	.7	.9	.2	.2	.1	.1										44	44	55	42	
52/ 51		1.3	.7	.6		.3												37	37	60	60	
50/ 49	.1	1.0	.9	.2	.2	.2												32	32	52	65	
48/ 47	.2	.6	.6	.3	.3	.2												27	27	51	62	
46/ 45	.1	.4	.6	.1														14	14	34	52	
44/ 43		1.0	.6	.4														24	24	31	34	
42/ 41	.1	.2	.3	.1	.1													10	10	26	48	
40/ 39	.1	.9	.3	.1	.2													19	19	13	30	
38/ 37		.2																3	3	23	26	
36/ 35			.1															1	1	7	26	
34/ 33																		3	3	3	9	
32/ 31		.2	.1																	1	14	
30/ 29																				3	11	
28/ 27																					15	
26/ 25																					10	
24/ 23																					4	
22/ 21																					4	
TOTAL	4.732	7.23	6.14	2.10	.7	7.3	3.1	1.9	1.0	.3	.2	.1		.1				1240	1240	1240	1240	

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total		
Rel. Hum.	7685293	95313	76.9	17.022	1240	≤ 50 F	≥ 50 F	≤ 67 F	≥ 67 F	≤ 73 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5093387	78691	63.5	8.966	1240				1.8	336.0	88.8	2.4		744.0
Wet Bulb	4416318	73120	59.0	9.188	1240				2.4	174.0	15.0			744.0
Dew Point	3953686	68560	55.3	11.469	1240				34.8	114.6	10.2			744.0

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

Σx

Σx^2

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

	≥ 32 F	≥ 30 F	≥ 27 F	≥ 23 F	≥ 18 F	≥ 14 F	≥ 10 F	≥ 6 F	≥ 2 F	Total
Rel. Hum.										
Dry Bulb	1.8	336.0	88.8	2.4						744.0
Wet Bulb	2.4	174.0	15.0							744.0
Dew Point	34.8	114.6	10.2							744.0

NAWEASERVCOM

PSYCHROMETRIC SUMMARY

03055
STATION

PENSACOLA, FLORIDA STATION NAME

73077

APR
MONTH

LEADS

PAGE 1
HOURS (L.S.T.)

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	TOTAL
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
84/ 83				.2					.1								4	4			
82/ 81			.2	.5							.1	.1					13	13			
80/ 79			.4	.9	.2	.3		.2	.3	.1	.2	.2	.1				37	37			
78/ 77		.5	.7	.6	1.3	.8		.9	.4	.1	.1						65	65	6		
76/ 75		.6	1.1	2.3	1.7	1.5	1.0	1.2	.2	.2	.1	.1					116	116	22		
74/ 73		2.6	1.7	2.7	1.3	1.2	1.2	.7	.5	.3	.1	.1					147	147	33		
72/ 71	.1	1.5	1.4	2.2	2.9	1.1	1.2	.6	.6	.2							140	140	69		
70/ 69		1.7	1.5	2.7	2.3	1.5	.9		.5	.1							126	126	84		
68/ 67	.1	.7	.5	1.4	1.5	.8	.7	.6	.1	.1							78	78	112		
66/ 65	.1	1.2	1.1	1.2	.9	1.0	.7	.3									78	78	101		
64/ 63	.1	1.1	.8	1.2	.6	.5	.2	.2	.3	.1							61	61	126		
62/ 61	.2	1.2	1.5	1.5	.5	.4	.1	.2	.1								68	68	116		
60/ 59	.3	1.2	1.5	.9	.1	.3	.2	.1	.1								57	57	99		
58/ 57		1.0	1.4	1.3	.5	.2	.3										57	57	98		
56/ 55		1.2	1.0	.2	.2	.2	.1										35	35	81		
54/ 53		.7	1.2	.6	.1	.2											35	35	76		
52/ 51		.5	1.0	.2	.1	.2											23	23	45		
50/ 49		.4	.6	.2	.2												17	17	36		
48/ 47		.2	.2	.3	.1												10	10	40		
46/ 45		.5	.2	.5													14	14	21		
44/ 43		.4															5	5	12		
42/ 41			.1	.2													3	3	12		
40/ 39		.1															1	1	8		
38/ 37																			2		
36/ 35																			1		
34/ 33																			15		
32/ 31																			10		
30/ 29																			10		
28/ 27																			1		
26/ 25																			1		
20/ 19																			1		
TOTAL																	1200	1200	1200		

Element (X)	ΣX ²	ΣX	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 60 F	≥ 60 F	≤ 73 F	≥ 73 F	≤ 93 F	≥ 93 F	
Rel. Hum.	6169356	83650	69.7	16.796	1200							
Dry Bulb	5526541	80821	67.4	8.329	1200							22.8
Wet Bulb	4529963	73115	60.9	7.915	1200							36.6
Dew Point	3908263	67413	56.2	10.052	1200							26.4

PSYCHROMETRIC SUMMARY

03855 STATION PENSACOLA, FLORIDA STATION NAME 73-77 YEARS MAY MONTH

PAGE 1 HOURS (L.S.T.)

5

PSYCHROMETRIC SUMMARY

JAN 68

MIN

0000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.		Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
92/ 91														.2	.1	.2	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature	Total
Rel. Hum.	6959540	90916	73.3	15.394	1240	$\geq 73 F$	744.0
Dry Bulb	6968860	92600	74.7	6.585	1240	$\geq 80 F$	744.0
Wet Bulb	5838743	84793	68.4	5.715	1240	$\geq 93 F$	744.0
Dew Point	5279920	80402	64.8	7.333	1240		744.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

5870

PSYCHROMETRIC SUMMARY JAN 68

JUN
MONTH

YEARS

73-77

PENSACOLA, FLORIDA
STATION NAME

03855
STATION

PAGE 1
HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93								.2			.1							3	3		
92/ 91							.2	.1	.1	.3	.1							14	14		
90/ 89						.2	.9	1.2	.6	.3	.1							69	69		
88/ 87				.1	1.1	3.2	3.8	.9	.6	.3	.2	.2						122	122		
86/ 85				.2	4.1	4.8	2.0	1.1	.4	.3	.2	.1						158	158		
84/ 83		.1	.2	1.7	2.7	2.2	1.2	.4	.2	.5								114	114		
82/ 81		.1	1.9	2.7	3.4	1.5	.7	.4	.2									130	130	11	
80/ 79		.2	3.5	6.0	2.2	.9	.3	.2	.2									163	163	58	6
78/ 77		1.0	4.1	2.5	1.0	.2		.1										106	106	193	34
76/ 75		.8	3.7	2.2	.8	.6	.2											101	101	231	123
74/ 73		1.3	3.2	1.9	.2	.1	.1	.1										84	84	259	188
72/ 71		1.4	3.0	.6	.2	.1	.1											65	65	165	249
70/ 69		.7	1.4	.1	.4													31	31	113	220
68/ 67		.2	.7	.2	.2													15	15	76	128
66/ 65		.3	.3	.4	.1													14	14	41	92
64/ 63		.1	.2	.2	.1													7	7	23	50
62/ 61		.1	.1	.1														3	3	12	31
60/ 59		.1																1	1	12	21
58/ 57																				6	14
56/ 55																					33
54/ 53																					6
52/ 51																					4
46/ 45																					1
TOTAL		6.4	22.3	18.9	16.9	14.8	11.2	4.6	2.3	1.5	.7	.2						1200	1200	1200	1200

Element (X)	Σ X ²	Σ X	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature	Total
Rel. Hum.	6281680	85426	71.2	12.926	1200	≥ 73 F	720.0
Dry Bulb	7796244	96448	80.4	6.085	1200	≥ 67 F	720.0
Wet Bulb	6424247	87651	73.0	4.283	1200	≥ 62 F	720.0
Dew Point	5847592	83548	69.6	5.060	1200	≥ 57 F	720.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

03853 STATION PENSACOLA, FLORIDA STATION NAME 73-77 YEARS JUL NORTH PAGE 1 HOURS (L.S.T.)

05 PSYCHROMETRIC SUMMARY 0800 JAN 68

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97											.1							1	1		
96/ 95										.2	.1							3	3		
94/ 93										.2	.2							7	7		
92/ 91									.1	.2	.2							33	33		
90/ 89					.2	3.0	4.5	1.9	.1									120	120		
88/ 87			.1		1.1	4.2	2.9	.2	.1		.1							108	108		
86/ 85			.2	.2	5.5	5.3	.9											149	149		
84/ 83			.5	4.4	4.7	1.0	.2											134	134		1
82/ 81			2.7	5.9	2.3	.2	.1											137	137		14
80/ 79		.7	6.3	4.5	.6	.2												153	153		4
78/ 77		2.4	7.3	3.1	.3	.1												164	164		314
76/ 75		2.7	5.2	1.1	.2													115	115		49
74/ 73	.2	3.0	1.8	.4	.2													68	68		247
72/ 71	.1	1.2	1.3	.3														36	36		373
70/ 69		.6	.3	.1														12	12		314
68/ 67																					170
66/ 65																					28
64/ 63																					4
62/ 61																					1
58/ 57																					2
TOTAL	.210	.625	.520	.115	.214	.4	9.8	3.0	.6	.4	.2							1240	1240	1240	1240

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

5000

PSYCHROMETRIC SUMMARY

JAN 68

5000

5000

73-77

PENSACOLA, FLORIDA

03855

STATION

NAME

YEAR

MONTH

PAGE 1

NOV 68 (S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
96/ 95										.1								1	1			
94/ 93										.1								1	1			
92/ 91									.5	.2	.6							17	17			
90/ 89									1.0	1.4	.2							55	55			
88/ 87					.2	1.9	4.1	2.4	.2			.1						111	111			
86/ 85					.3	4.6	4.4	.7	.4	.2								133	133			
84/ 83			.5	3.8	4.5	1.9	.2	.1	.1	.1								138	138			
82/ 81	.1	.1	2.4	4.7	2.4	.4	.2	.3	.2									134	134	8	1	
80/ 79		1.6	4.0	4.4	1.3	.2	.1		.1									145	145	90	6	
78/ 77		4.2	4.8	1.9	.6	.1												144	144	265	58	
76/ 75	.3	6.1	3.2	2.3	.2		.2											154	154	322	232	
74/ 73	.4	4.5	2.4	.6	.1													100	100	265	313	
72/ 71	.7	2.3	2.1	1.1	.2		.2											79	79	132	285	
70/ 69	.2	.3	.2	.1	.2													12	12	80	175	
68/ 67	.2	.2		.1	.1		.1											7	7	50	60	
66/ 65		.2	.1	.2			.2											5	5	9	60	
64/ 63				.1			.1											1	1	6	11	
62/ 61			.1	.2			.2											3	3	8	14	
60/ 59																				2	4	
58/ 57																				1	2	
56/ 55																				2	15	
54/ 53																					2	
52/ 51																					2	
TOTAL	1.9	19.5	19.6	19.8	16.0	12.9	5.4	2.7	1.3	.5	.1	.1						1240	1240	1240		

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.	7574254	95608	77.1	12.786	1240	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		Total		
Dry Bulb	8009539	99419	80.2	5.571	1240	738.6	679.8	399.0	1.2		744.0		
Wet Bulb	6880337	92263	74.4	3.531	1240	727.2	570.0	25.8			744.0		
Dew Point	6422703	89107	71.9	3.960	1240	678.0	471.6	4.2			744.0		

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

03855 STATION PENSACOLA, FLORIDA 73-77 YEARS SEP MONTH PAGE 1 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97									.2	.1	.1							1	1		
94/ 93									.1									3	3		
92/ 91								.3	.1									5	5		
90/ 89								.3	.2									10	10		
88/ 87					.4	1.7	.8	.2	.1	.1								41	41		
86/ 85				.2	3.4	1.4	.7	.7	.3									81	81		
84/ 83			.2	3.5	2.9	1.4	.8	.2	.1	.1	.1							112	112		
82/ 81		.2	3.0	6.5	2.7	1.0	.1	.2	.1	.1								167	167		
80/ 79		.8	6.4	1.9	1.3	.9	.3	.1	.1									142	142	3	
78/ 77		3.2	4.4	2.1	.9	.3	.3	.1	.1									137	137	38	1
76/ 75	.2	4.2	4.5	1.8	.8	.2	.1											143	143	35	
74/ 73	.2	3.6	3.4	.8	.2	.2	.2											105	105	254	191
72/ 71	.1	3.1	2.0	1.0	.2	.1	.1											78	78	204	265
70/ 69	.4	1.2	1.3	.6	.2	.2												48	48	157	171
68/ 67	.1	.5	.6	.6	.6	.1												29	29	107	168
66/ 65	.2	1.1	1.3	.8	.1													42	42	68	96
64/ 63	.2	.9	.3	.1	.1													19	19	41	63
62/ 61	.1	.3	.3	.2														11	11	37	44
60/ 59	.2	.2	.2															9	9	39	52
58/ 57	.1		.2															3	3	25	34
56/ 55		.2	.1															3	3	11	19
54/ 53		.2																2	2	4	25
52/ 51		.3																4	4	4	10
50/ 49		.4																5	5	4	16
48/ 47																				6	4
46/ 45																				2	4
TOTAL	1.720	.528	.420	.213	.9	8.0	4.1	2.0	.8	.2	.2							1200	1200	1200	1200

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

Σx

Σx^2

Element (X)

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

5000

PSYCHROMETRIC SUMMA

JAN 68

73-77

PENSACOLA, FLORIDA

03855

STATION

YEARS

MONTH

PAGE 1

HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
90/ 89								.1	.2									3	3			
88/ 87				.1	.1		.2	.1										6	6			
86/ 85					.2	.7	.4	.2	.1	.1			.1					21	21			
84/ 83			.3	.3	.6	.6	.5		.2	.2	.1	.2	.1					38	38			
82/ 81			.2	1.0	1.0	.8	.6		.5	.1	.2							54	54	1		
80/ 79		.1	.2	1.0	1.2	.7	.6	.7	.3	.1	.1							64	64	6	1	
78/ 77		.2	1.4	1.5	1.0	.6	.2	.2	.3	.3	.2							74	74	12	8	
76/ 75		.6	1.9	1.3	1.1	.8	.4	.5	.2	.1								86	86	38	6	
74/ 73		1.3	1.3	.9	.6	1.0	.6	.9	.7	.2								91	91	99	25	
72/ 71	.1	2.0	1.1	1.6	.8	.6	.8	.6	.2	.1								99	99	83	81	
70/ 69	.1	1.6	1.2	1.0	1.4	.6	.5	.4	.2	.2								89	89	84	86	
68/ 67		1.4	1.5	1.1	1.1	.2	1.0	.3										81	81	73	84	
66/ 65	.1	1.9	1.9	1.0	.6	1.0	.3	.3	.2									89	89	91	63	
64/ 63		3.2	1.2	.7	.7	.5	.2	.2										85	85	101	73	
62/ 61		2.8	1.1	.8	1.0	.3	.2	.2										81	81	117	92	
60/ 59	.2	1.8	1.8	.9	.6	.4												69	69	115	86	
58/ 57	.2	.6	1.5	1.1	.2	.2												47	47	87	94	
56/ 55	.1	1.0	1.1	.8	.6	.1												45	45	76	73	
54/ 53	.1	.5	1.0	.3	.4	.2												30	30	69	76	
52/ 51	.2	.2	.9	.4	.1	.1												24	24	52	56	
50/ 49		.6	.7	.3	.1													22	22	36	65	
48/ 47		.4	.3	.2														12	12	36	75	
46/ 45		.2	.4	.1														8	8	21	50	
44/ 43	.1	.3	.5	.1														12	12	18	39	
42/ 41		.2	.3															6	6	8	26	
40/ 39		.3																4	4	10	27	
38/ 37																				7	18	
36/ 35																					22	
34/ 33																					10	
32/ 31																					3	
30/ 29																					1	
TOTAL	1.0	21.3	21.9	16.5	13.3	9.4	6.6	4.7	3.1	1.4	.6	.2	.2					1240	1240	1240	1240	

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total	
Rel. Hum.	6693404	88664	71.3	16.894	1240								
Dry Bulb	5842741	84237	67.9	9.852	1240								744.0
Wet Bulb	4822547	76573	61.8	8.709	1240								744.0
Dew Point	4219407	71221	57.4	10.193	1240								744.0

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

Σx

Σx^2

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

≥80 F

≥73 F

≥67 F

≥59 F

≥93 F

≥86 F

≥79 F

≥72 F

≥80 F

≥73 F

≥67 F

≥59 F

≥93 F

≥86 F

≥79 F

≥72 F

≥80 F

≥73 F

≥67 F

≥59 F

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≥72 F

≥80 F

≥73 F

≥67 F

≥59 F

≥93 F

≥86 F

≥79 F

≥72 F

≥80 F

≥73 F

≥67 F

≥59 F

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

03855

PENSACOLA, FLORIDA

73-77

NOV

YEARS

STATION NAME

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		Dew Point	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.		Wet Bulb
86/ 85										.1								1	1	
84/ 83						.1			.1									2	2	
82/ 81				.2	.2	.3			.2									6	6	
80/ 79			.2	.3	.4	.8			.1									20	20	
78/ 77		.1	.3	.4	.8				.1									22	22	
76/ 75		.2	1.4	.8	1.0	.6			.2									52	52	
74/ 73	.2	.8	1.9	2.0	.2	.2			.3									69	69	
72/ 71	.2	.7	2.1	.7	.9	.5			.1									72	72	
70/ 69	.1	2.4	3.1	.4	.7	.2			.2	.1	.1							90	90	
68/ 67	.8	3.1	2.1	.4	.2	.4			.1	.2	.2							90	90	
66/ 65	.5	2.1	1.6	.9	.5	.4			.6	.4	.1							85	85	
64/ 63	.2	1.9	.9	.5	.9	.7			.4	.1	.2							69	69	
62/ 61	.1	.7	1.1	.7	.4	.7			.4	.3	.2							57	57	
60/ 59	.1	1.4	.8	.7	.5	.5			.4	.4	.2							60	60	
58/ 57		1.6	.7	.5	.4	.6			.7	.1	.1							55	55	
56/ 55	.1	1.5	1.7	.7	.5	.5			.2	.4								67	67	
54/ 53	.1	1.8	1.1	.7	.5	.2			.2	.2								54	54	
52/ 51	.5	1.1	1.2	.7	.6	.4			.2	.1								56	56	
50/ 49	.2	.9	1.9	.2	.7	.4			.2									54	54	
48/ 47	.2	.8	.7	.6	.4	.2												35	35	
46/ 45		1.2	.9	.8	.5	.1												43	43	
44/ 43		.4	.7	.5	.5	.1												26	26	
42/ 41	.2	.4	1.1	.7	.2													30	30	
40/ 39	.1	.5	1.0	.4	.1													25	25	
38/ 37	.1	.6	.4	.2														16	16	
36/ 35		.5	1.0	.1														19	19	
34/ 33		.4	.2															8	8	
32/ 31	.1	.5	.2	.1														11	11	
30/ 29		.2	.1															4	4	
28/ 27																		2	2	
26/ 25		.2																1	1	
24/ 23																		2	2	
22/ 21																				
20/ 19																				
Element (X)																				
Rel. Hum.																				
Dry Bulb																				
Wet Bulb																				
Dew Point																				
																		Total		
																		≥ 93 F		
																		≥ 80 F		
																		≥ 73 F		
																		≥ 67 F		
																		≥ 32 F		
																		≥ 0 F		
																		Mean No. of Hours with Temperature		

PSYCHROMETRIC SUMMARY

03855

PENSACOLA, FLORIDA

73-77

DEC

PSYCHROMETRIC SUMMARY JAN 68

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		D.B./W.B.	TOTAL		Dew Point					
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb									
76/ 75																		4	4									
74/ 73																		11	11									
72/ 71																		23	23	5								
70/ 69																		34	34	13								
68/ 67																		60	60	31								
66/ 65																		92	92	23								
64/ 63																		86	86	82								
62/ 61																		93	93	68								
60/ 59																		68	68	72								
58/ 57																		56	56	79								
56/ 55																		63	63	59								
54/ 53																		58	58	63								
52/ 51																		80	80	45								
50/ 49																		70	70	84								
48/ 47																		56	56	79								
46/ 45																		54	54	61								
44/ 43																		56	56	62								
42/ 41																		53	53	46								
40/ 39																		46	46	74								
38/ 37																		39	39	54								
36/ 35																		44	44	61								
34/ 33																		32	32	48								
32/ 31																		30	30	48								
30/ 29																		10	10	21								
28/ 27																		12	12	23								
26/ 25																		6	6	14								
24/ 23																		2	2	10								
22/ 21																		1	1	2								
20/ 19																				2								
18/ 17																												
16/ 15																												
14/ 13																												
12/ 11																												
10/ 9																												
Element (X)	Σ X ²																	Σ X	σ _x	Mean No. of Hours with Temperature				Total				
Rel. Hum.																				≥ 67 F				≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																												
Wet Bulb																												
Dew Point																												

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PSYCHROMETRIC SUMMARY

03855 STATION PENSACOLA, FLORIDA 73-77 YEARS ALL MONTH

PAGE 1
HOURS (L.S.T.)

05 PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97																		2	2		
96/ 95																		4	4		
94/ 93																		14	14		
92/ 91																		76	76		
90/ 89																		267	267		
88/ 87																		407	407		
86/ 85																		582	582		
84/ 83																		613	613		
82/ 81																		724	724		
80/ 79																		849	849		
78/ 77																		884	884		
76/ 75																		982	982		
74/ 73																		927	927		
72/ 71																		872	872		
70/ 69																		851	851		
68/ 67																		731	731		
66/ 65																		754	754		
64/ 63																		626	626		
62/ 61																		574	574		
60/ 59																		460	460		
58/ 57																		410	410		
56/ 55																		387	387		
54/ 53																		345	345		
52/ 51																		346	346		
50/ 49																		317	317		
48/ 47																		239	239		
46/ 45																		228	228		
44/ 43																		218	218		
42/ 41																		173	173		
40/ 39																		187	187		
38/ 37																		119	119		
36/ 35																		131	131		
34/ 33																		93	93		
32/ 31																		100	100		
Element (X)	$\sum X^2$																\bar{X}		σ_x		
Rel. Hum.																	Mean No. of Hours with Temperature		≥ 80 F		
Dry Bulb																	≥ 73 F		≥ 67 F		
Wet Bulb																	≥ 62 F		≥ 57 F		
Dew Point																	≥ 52 F		≥ 47 F		
																	≥ 42 F		≥ 37 F		
																	≥ 32 F		≥ 27 F		
																	≥ 22 F		≥ 17 F		
																	≥ 12 F		≥ 7 F		
																	≥ 7 F		≥ 2 F		
																	≥ 2 F		≥ -3 F		
																	≥ -8 F		≥ -13 F		
																	≥ -13 F		≥ -18 F		
																	≥ -18 F		≥ -23 F		
																	≥ -23 F		≥ -28 F		
																	≥ -28 F		≥ -33 F		
																	≥ -33 F		≥ -38 F		
																	≥ -38 F		≥ -43 F		
																	≥ -43 F		≥ -48 F		
																	≥ -48 F		≥ -53 F		
																	≥ -53 F		≥ -58 F		
																	≥ -58 F		≥ -63 F		
																	≥ -63 F		≥ -68 F		
																	≥ -68 F		≥ -73 F		
																	≥ -73 F		≥ -78 F		
																	≥ -78 F		≥ -83 F		
																	≥ -83 F		≥ -88 F		
																	≥ -88 F		≥ -93 F		
																	≥ -93 F		≥ -98 F		
																	≥ -98 F		≥ -103 F		
																	≥ -103 F		≥ -108 F		
																	≥ -108 F		≥ -113 F		
																	≥ -113 F		≥ -118 F		
																	≥ -118 F		≥ -123 F		
																	≥ -123 F		≥ -128 F		
																	≥ -128 F		≥ -133 F		
																	≥ -133 F		≥ -138 F		
																	≥ -138 F		≥ -143 F		
																	≥ -143 F		≥ -148 F		
																	≥ -148 F		≥ -153 F		
																	≥ -153 F		≥ -158 F		
																	≥ -158 F		≥ -163 F		
																	≥ -163 F		≥ -168 F		
																	≥ -168 F		≥ -173 F		
																	≥ -173 F		≥ -178 F		
																	≥ -178 F		≥ -183 F		
																	≥ -183 F		≥ -188 F		
																	≥ -188 F		≥ -193 F		
																	≥ -193 F		≥ -198 F		
																	≥ -198 F		≥ -203 F		
																	≥ -203 F		≥ -208 F		
																	≥ -208 F		≥ -213 F		
																	≥ -213 F		≥ -218 F		
																	≥ -218 F		≥ -223 F		
																	≥ -223 F		≥ -228 F		
																	≥ -228 F		≥ -233 F		
																	≥ -233 F		≥ -238 F		
																	≥ -238 F		≥ -243 F		
																	≥ -243 F		≥ -248 F		
																	≥ -248 F		≥ -253 F		
																	≥ -253 F		≥ -258 F		
																	≥ -258 F		≥ -263 F		
																	≥ -263 F		≥ -268 F		
																	≥ -268 F		≥ -273 F		
																	≥ -273 F		≥ -278 F		
																	≥ -278 F		≥ -283 F		
																	≥ -283 F		≥ -288 F		
																	≥ -288 F		≥ -293 F		
																	≥ -293 F		≥ -298 F		
																	≥ -298 F		≥ -303 F		
																	≥ -303 F		≥ -308 F		
																	≥ -308 F		≥ -313 F		
																	≥ -313 F		≥ -318 F		
																	≥ -318 F		≥ -323 F		
																	≥ -323 F		≥ -328 F		
																	≥ -328 F		≥ -333 F		
																	≥ -333 F		≥ -338 F		
																	≥ -338 F		≥ -343 F		
																	≥ -343 F		≥ -348 F		
																	≥ -348 F		≥ -353 F		
																	≥ -353 F		≥ -358 F		
																	≥ -358 F		≥ -363 F		
																	≥ -363 F		≥ -368 F		
																	≥ -368 F		≥ -373 F		
																	≥ -373 F		≥ -378 F		
																	≥ -378 F		≥ -383 F		
																	≥ -383 F		≥ -388 F		
																	≥ -388 F		≥ -393 F		
																	≥ -393 F		≥ -398 F		
																	≥ -398 F		≥ -403 F		
																	≥ -403 F		≥ -408 F		
																	≥ -408 F		≥ -413 F		
																	≥ -413 F		≥ -418 F		
																	≥ -418 F		≥ -423 F		
																	≥ -423 F		≥ -428 F		
																	≥ -428 F		≥ -433 F		
																	≥ -433 F		≥ -438 F		
																	≥ -438 F		≥ -443 F		
																	≥ -443 F		≥ -448 F		
																	≥ -448 F		≥ -453 F		
																	≥ -453 F		≥ -458 F		
																	≥ -458 F		≥ -463 F		
																	≥ -463 F		≥ -468 F		
																	≥ -468 F		≥ -473 F		
																	≥ -473 F		≥ -478 F		
																	≥ -478 F		≥ -483 F		
																	≥ -483 F		≥ -488 F		
																	≥ -488 F		≥ -493 F		
																	≥ -493 F		≥ -498 F		
																	≥ -498 F		≥ -503 F		
																	≥ -503 F		≥ -508 F		
																	≥ -508 F		≥ -513 F		
																	≥ -513 F		≥ -518 F		
																	≥ -518 F		≥ -523 F		
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																	≥ -573 F		≥ -578 F		
																	≥ -578 F		≥ -583 F		
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																	≥ -733 F		≥ -738 F		
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																	≥ -888 F		≥ -893 F		
																	≥ -893 F		≥ -898 F		
																	≥ -898 F		≥ -903 F		
																	≥ -903 F		≥ -908 F		
																	≥ -908 F		≥ -913 F		
																	≥ -913 F		≥ -918 F		
																	≥ -918 F				

PSYCHROMETRIC SUMMARY

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb		
30/ 29	.0	.1	.1	.1	.1	.0												46	46	89	171	
28/ 27	.0	.0	.1	.1	.0													28	28	73	154	
26/ 25	.0	.1	.1	.1														20	20	44	136	
24/ 23	.0	.0	.0	.0														11	11	32	89	
22/ 21			.0	.0														5	5	11	95	
20/ 19			.0	.0														1	1	7	59	
18/ 17		.0																1	1	2	36	
16/ 15		.0																1	1	1	55	
14/ 13		.0																1	1	2	19	
12/ 11																					25	
10/ 9																					18	
8/ 7																					6	
6/ 5																					6	
4/ 3																					1	
TOTAL	3.0	21.9	23.9	17.8	13.0	9.5	5.6	2.9	1.3	.6	.2	.1	.0	.0				14606	14606	14606	14606	
																					</	

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-77

PENSACOLA, FLORIDA

03855

HRS.(LST.)	STATION NAME												ANNUAL
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
00	MEAN	50.1	51.7	60.5	63.1	70.5	78.2	76.2	74.2	63.4	56.5	49.4	64.2
	S. D.	12.816	10.964	9.317	7.942	5.033	3.236	3.469	6.280	8.981	11.982	11.891	13.429
	TOTAL OBS	155	141	155	150	155	155	155	150	155	150	155	1826
03	MEAN	48.4	50.0	59.4	61.7	69.1	76.8	75.3	72.8	62.2	55.1	48.2	62.9
	S. D.	13.199	11.814	9.811	8.386	5.532	3.141	3.546	6.372	9.522	12.269	12.223	13.728
	TOTAL OBS	155	141	155	150	155	155	155	150	155	150	155	1826
06	MEAN	47.7	48.4	58.5	61.3	69.9	76.9	74.9	72.0	60.8	54.3	47.5	62.4
	S. D.	13.566	12.477	10.201	9.123	5.584	3.032	3.449	6.515	9.612	12.548	12.812	14.277
	TOTAL OBS	155	141	155	150	155	155	155	150	155	150	154	1825
09	MEAN	51.9	55.9	64.7	70.0	77.7	84.9	82.9	78.8	70.1	61.4	53.3	69.7
	S. D.	11.958	10.580	7.957	6.492	5.310	4.124	3.880	5.626	7.569	10.488	10.505	14.008
	TOTAL OBS	155	141	155	150	155	155	155	150	155	150	155	1826
12	MEAN	57.8	62.3	68.5	73.5	80.4	87.4	85.9	82.5	75.7	66.7	59.0	73.9
	S. D.	11.057	9.482	7.101	5.423	4.861	3.977	4.097	5.303	6.980	9.399	9.003	12.598
	TOTAL OBS	154	141	155	150	155	155	155	150	155	150	155	1825
15	MEAN	58.8	62.9	68.7	73.7	80.2	86.7	85.9	82.7	76.4	67.1	59.6	74.1
	S. D.	10.083	8.359	6.416	4.683	4.667	3.806	3.521	4.974	6.033	8.065	8.027	11.874
	TOTAL OBS	155	141	155	150	155	155	155	150	155	150	155	1826
18	MEAN	53.9	57.5	65.1	70.0	76.8	83.3	82.1	78.7	69.5	60.7	53.6	69.5
	S. D.	10.719	8.115	6.059	4.502	3.930	3.566	3.288	4.563	7.144	10.005	9.649	12.734
	TOTAL OBS	155	141	155	150	155	155	155	150	155	150	155	1826
21	MEAN	51.3	53.2	62.3	65.5	72.9	79.6	78.3	75.4	65.3	57.7	51.0	66.0
	S. D.	11.954	9.903	7.717	6.659	4.411	3.350	3.136	5.600	8.447	11.533	11.355	13.115
	TOTAL OBS	155	141	155	150	155	155	155	150	155	150	155	1826
ALL HOURS	MEAN	52.5	55.2	63.5	67.4	74.7	81.7	80.2	77.1	67.9	59.9	52.7	67.8
	S. D.	12.539	11.458	8.967	8.329	6.585	5.419	5.572	6.895	9.852	11.798	11.602	13.946
	TOTAL OBS	1239	1128	1240	1200	1240	1240	1240	1200	1240	1200	1239	14606

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03855 PENSACOLA, FLORIDA

73-77

STATION

STATION NAME

YEARS

HRS (LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	MEAN 47.1	49.0	57.4	58.9	66.6	71.3	73.9	72.6	70.8	59.8	53.2	46.4	60.6
	S.D. 13.38	11.40	9.77	8.16	5.72	4.26	2.70	3.46	5.89	8.93	12.04	11.89	13.22
	TOTAL OBS 155	141	155	150	155	150	155	155	150	155	150	155	1826
03	MEAN 46.1	47.6	56.7	58.0	65.9	70.6	73.4	72.4	70.1	59.0	52.2	45.6	59.9
	S.D. 13.74	11.91	10.17	8.52	5.91	4.61	2.64	3.63	6.04	9.26	12.18	12.26	13.55
	TOTAL OBS 155	141	155	150	155	150	155	155	150	155	150	155	1826
06	MEAN 45.6	46.3	55.9	57.9	66.4	71.0	73.8	72.4	69.6	58.1	51.7	45.2	59.6
	S.D. 14.04	12.44	10.61	9.11	6.02	4.34	2.39	3.60	6.23	9.44	12.57	12.71	14.06
	TOTAL OBS 155	141	155	150	155	150	155	155	150	155	150	154	1825
09	MEAN 48.8	51.7	59.6	62.2	69.7	74.4	76.6	76.0	73.0	63.2	56.2	49.5	63.5
	S.D. 12.78	11.28	8.97	7.60	5.69	3.71	2.43	2.81	5.07	8.05	11.14	11.07	12.96
	TOTAL OBS 155	141	155	150	155	150	155	155	150	155	150	155	1826
12	MEAN 51.9	54.9	61.2	63.6	70.7	75.2	77.4	76.8	74.4	65.3	58.7	52.2	65.2
	S.D. 11.82	10.19	8.16	7.00	5.17	3.56	2.31	2.48	4.46	7.44	10.29	10.00	11.89
	TOTAL OBS 154	141	155	150	155	150	155	155	150	155	150	155	1825
15	MEAN 52.5	55.2	61.7	63.8	70.6	75.2	77.0	76.6	74.4	65.3	58.9	52.6	65.4
	S.D. 11.31	9.41	7.48	6.32	4.79	3.42	2.18	2.50	4.05	6.92	9.53	9.48	11.39
	TOTAL OBS 155	141	155	150	155	150	155	155	150	155	150	155	1826
18	MEAN 49.6	52.4	60.1	62.5	69.3	73.8	75.7	74.9	72.7	62.7	55.7	49.1	63.3
	S.D. 12.01	9.35	7.54	6.11	4.66	3.39	2.30	2.54	4.64	7.62	10.91	10.66	12.18
	TOTAL OBS 155	141	155	150	155	150	155	155	150	155	150	155	1826
21	MEAN 48.1	49.9	58.9	60.4	67.9	72.3	74.4	73.5	71.4	60.5	54.0	47.6	61.6
	S.D. 12.84	10.54	8.69	7.44	5.28	3.96	2.67	3.09	5.46	8.54	11.81	11.64	12.83
	TOTAL OBS 155	141	155	150	155	150	155	155	150	155	150	155	1826
ALL HOURS	MEAN 48.7	50.9	59.0	60.9	68.4	73.0	75.3	74.4	72.0	61.8	55.1	48.5	62.4
	S.D. 12.95	11.25	9.18	7.91	5.71	4.28	2.87	3.53	5.55	8.70	11.62	11.54	12.96
	TOTAL OBS 1239	1128	1240	1200	1240	1200	1240	1240	1200	1240	1200	1239	14606

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03855 PENSACOLA, FLORIDA

73-77

STATION NAME

YEARS

HRS./LST.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	MEAN S.D. TOTAL OBS	43.4 16.03 155	45.9 13.14 155	55.0 11.30 155	55.7 9.49 150	64.3 6.94 155	69.1 4.92 150	72.0 2.90 155	70.9 4.17 155	69.2 6.23 150	57.1 9.99 155	50.0 13.76 150	58.0 14.66 1826
03	MEAN S.D. TOTAL OBS	42.8 16.16 155	44.9 13.35 155	54.4 11.54 155	55.1 9.71 150	63.9 7.04 155	68.6 5.08 150	71.8 2.68 155	71.0 4.23 155	68.7 6.32 150	56.8 9.97 155	49.4 13.53 150	57.6 14.83 1826
06	MEAN S.D. TOTAL OBS	42.7 16.20 155	43.9 13.63 155	53.6 12.09 155	55.3 10.18 150	64.5 7.28 155	69.0 4.77 150	72.5 2.48 155	71.1 4.24 155	68.4 6.48 150	56.0 10.13 155	49.0 13.89 150	57.5 15.21 1825
09	MEAN S.D. TOTAL OBS	44.8 15.91 155	47.3 14.08 155	55.4 11.92 155	56.6 10.70 150	65.2 8.07 155	70.2 5.04 150	73.2 2.64 155	73.1 3.53 155	70.3 5.79 150	58.3 10.22 155	51.5 14.06 150	59.3 14.77 1826
12	MEAN S.D. TOTAL OBS	45.5 16.00 154	47.6 13.87 154	55.6 12.14 155	56.5 11.18 150	65.4 7.98 155	70.1 5.32 150	73.3 2.79 155	72.9 3.52 155	70.7 5.78 150	58.3 10.71 155	51.6 14.56 150	59.4 14.90 1825
15	MEAN S.D. TOTAL OBS	45.3 16.34 155	47.8 13.52 155	56.3 11.34 155	56.9 10.20 150	65.4 7.44 155	70.3 5.15 150	73.1 2.55 155	72.7 3.65 155	70.5 5.28 150	58.1 10.56 155	51.7 14.39 150	59.5 14.65 1826
18	MEAN S.D. TOTAL OBS	44.3 16.17 155	46.9 12.82 155	56.1 10.55 155	56.9 9.46 150	65.1 6.95 155	69.6 5.07 150	72.5 2.59 155	71.8 3.58 155	69.7 5.70 150	57.8 9.85 155	51.0 13.96 150	58.9 14.48 1826
21	MEAN S.D. TOTAL OBS	43.9 16.10 155	46.5 12.63 155	56.1 10.72 155	56.5 9.37 150	65.0 6.84 155	69.4 4.96 150	72.2 2.89 155	71.3 3.98 155	69.4 6.09 150	57.0 10.03 155	50.6 13.81 150	58.5 14.49 1826
ALL HOURS	MEAN S.D. TOTAL OBS	44.1 16.10 1239	46.4 13.41 1128	55.3 11.46 1240	56.2 10.05 1200	64.8 7.33 1240	69.6 5.06 1200	72.6 2.76 1240	71.9 3.96 1240	69.6 6.01 1200	57.4 10.19 1240	50.6 13.99 1200	58.6 14.77 14608

5706 RELATIVE HUMIDITY JAN 68

JAN
MONTH

73-77

PENSACOLA, FLORIDA

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00	100.0	100.0	100.0	99.4	94.8	83.9	72.3	52.9	27.1	79.2	155
	03	100.0	100.0	100.0	98.7	96.8	90.3	75.5	58.7	34.8	81.8	155
	06	100.0	100.0	100.0	100.0	97.4	91.0	79.4	61.9	39.4	83.5	155
	09	100.0	100.0	100.0	98.1	94.8	82.6	66.5	49.0	27.7	78.2	155
	12	100.0	100.0	98.1	90.3	70.3	60.6	45.2	30.3	11.0	66.4	155
	15	100.0	100.0	92.3	83.2	67.7	54.8	45.2	32.3	11.6	64.4	155
	18	100.0	100.0	100.0	94.2	84.5	72.3	54.2	42.6	16.8	72.1	155
	21	100.0	100.0	100.0	98.1	92.3	78.1	63.9	48.4	29.0	77.1	155
TOTALS		100.0	100.0	98.8	95.3	87.3	76.7	62.8	47.0	24.7	75.3	1240

FEB
MONTH

73-77

STATION NAME
IRIDA

PENSACOLA, FLORIDA

03855

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEA	00	100.0	100.0	100.0	99.3	97.9	92.2	80.1	57.4	29.6	81.3	141
	03	100.0	100.0	100.0	100.0	97.9	92.9	85.1	65.2	25.5	83.4	141
	06	100.0	100.0	100.0	100.0	99.3	95.0	88.7	74.5	28.4	85.1	141
	09	100.0	100.0	100.0	97.2	91.5	81.6	58.2	39.7	17.0	74.3	141
	12	100.0	100.0	96.5	90.8	69.5	45.4	34.8	19.9	4.3	61.1	141
	15	100.0	99.3	95.0	87.2	66.0	46.1	34.8	22.0	5.0	60.8	141
	18	100.0	100.0	97.9	95.7	83.0	66.7	51.1	34.0	8.5	69.7	141
	21	100.0	100.0	100.0	100.0	95.0	89.4	74.5	52.5	17.7	78.9	141
TOTALS		100.0	99.9	98.7	96.3	87.5	76.2	63.4	45.7	17.0	74.3	1128

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

MAR
MONTH

73-77
PERIOD

03855 PENSACOLA, FLORIDA
STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00	100.0	100.0	100.0	100.0	98.1	92.9	83.2	69.0	25.2	82.9	155
	03	100.0	100.0	100.0	100.0	98.1	93.5	85.2	73.5	32.3	84.3	155
	06	100.0	100.0	100.0	99.4	97.4	95.5	87.1	71.0	32.9	84.4	155
	09	100.0	100.0	98.1	95.5	89.0	79.4	58.7	43.9	14.2	74.0	155
	12	100.0	99.4	96.1	87.1	80.0	60.6	46.5	30.3	8.4	66.5	155
	15	100.0	99.4	94.8	89.7	78.1	63.9	45.2	32.3	9.7	67.5	155
	18	100.0	100.0	100.0	96.8	89.7	76.8	63.2	45.8	13.5	74.3	155
	21	100.0	100.0	100.0	99.4	96.8	91.0	76.1	58.7	22.6	80.9	155
TOTALS		100.0	99.9	98.6	96.0	90.9	81.7	68.2	53.1	19.9	76.9	1240

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UNITED BY THE STANDARD REDUCING COMPANY, U. S. A.

JUN
MONTH

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NAVWEASERVCOM

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附錄一

UNITED BY THE STANDARD RECORD COMPANY, D. S. A.

MONTH
JUL

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
JUL	00	100.0	100.0	100.0	100.0	100.0	100.0	97.4	62.6	5.8	81.8	155
	03	100.0	100.0	100.0	100.0	100.0	100.0	99.4	78.7	16.8	85.0	155
	06	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.5	23.2	86.4	155
	09	100.0	100.0	100.0	100.0	98.7	85.8	33.5	9.7	3.9	68.7	155
	12	100.0	100.0	100.0	99.4	95.5	66.5	15.5	3.9	1.3	63.5	155
	15	100.0	100.0	100.0	99.4	96.8	69.0	18.1	5.8		64.4	155
	18	100.0	100.0	100.0	100.0	98.7	94.2	42.6	12.9	2.6	70.6	155
	21	100.0	100.0	100.0	100.0	100.0	100.0	88.4	31.0	6.5	78.5	155
TOTALS		100.0	100.0	100.0	99.9	98.7	89.4	61.9	36.1	7.5	74.9	1240

NAVWEASERVCOM

5706 RELATIVE HUMIDITY JAN 68

03855

PENSACOLA, FLORIDA

73-77

STATISTICS

PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00	100.0	100.0	100.0	100.0	99.4	98.7	95.5	69.0	22.6	84.2	155
	03	100.0	100.0	100.0	100.0	100.0	99.4	98.1	77.4	38.7	87.1	155
	06	100.0	100.0	100.0	100.0	100.0	100.0	97.4	85.8	49.0	88.7	155
	09	100.0	100.0	100.0	100.0	98.1	89.7	60.6	20.0	6.5	73.2	155
	12	100.0	100.0	100.0	99.4	92.3	72.3	31.6	11.0	6.5	66.5	155
	15	100.0	100.0	100.0	98.1	93.5	78.7	23.2	5.8	4.5	65.7	155
	18	100.0	100.0	100.0	99.4	97.4	92.9	52.9	15.5	4.5	71.8	155
	21	100.0	100.0	100.0	100.0	98.7	96.8	92.9	43.9	9.0	79.7	155
TOTALS		100.0	100.0	100.0	99.6	97.4	91.1	69.0	41.1	17.7	77.1	1240

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

03855 STATION PENSACOLA, FLORIDA PERIOD 73-77 MONTH SEP

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00	100.0	100.0	100.0	100.0	100.0	100.0	98.0	76.7	20.7	84.9	150
	03	100.0	100.0	100.0	100.0	100.0	100.0	98.7	84.7	30.7	87.3	150
	06	100.0	100.0	100.0	100.0	100.0	100.0	99.3	91.3	38.7	88.9	150
	09	100.0	100.0	100.0	100.0	99.3	93.3	70.0	30.0	6.7	76.0	150
	12	100.0	100.0	100.0	98.0	92.0	75.3	44.7	15.3	6.7	68.7	150
	15	100.0	100.0	100.0	98.0	92.7	74.7	41.3	14.0	4.7	67.8	150
	18	100.0	100.0	100.0	100.0	98.0	92.0	69.3	25.3	2.7	74.6	150
	21	100.0	100.0	100.0	100.0	100.0	98.7	92.0	62.0	14.7	82.1	150
TOTALS		100.0	100.0	100.0	99.5	97.8	91.8	76.7	49.9	16.0	78.8	1200

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

OCT
MONTH

73-77

PERIOD

PENSACOLA, FLORIDA
STATION NAME

03855
STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00	100.0	100.0	100.0	100.0	98.7	92.9	85.2	56.8	10.3	80.8	155
	03	100.0	100.0	100.0	100.0	100.0	97.4	87.7	63.9	21.3	83.3	155
	06	100.0	100.0	100.0	100.0	99.4	97.4	91.0	75.5	27.1	84.8	155
	09	100.0	100.0	100.0	98.7	86.5	69.7	45.2	19.4	6.5	67.7	155
	12	100.0	100.0	96.8	81.3	60.6	40.6	21.3	8.4	3.2	57.0	155
	15	100.0	100.0	92.9	79.4	54.2	39.4	21.9	8.4	2.6	55.5	155
	18	100.0	100.0	100.0	97.4	89.7	74.2	38.7	20.6	4.5	67.7	155
	21	100.0	100.0	100.0	99.4	97.4	88.4	71.6	36.1	5.2	75.3	155
											</	

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

NDV MONTH

73-77

PERIOD

PENSACOLA, FLORIDA

STATION NAME

03355 STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00	100.0	100.0	100.0	99.3	95.3	88.0	80.0	57.3	20.0	79.9	150
	03	100.0	100.0	100.0	100.0	98.7	92.7	85.3	59.3	21.3	82.0	150
	06	100.0	100.0	100.0	100.0	98.7	92.7	86.0	65.3	21.3	82.8	150
	09	100.0	100.0	99.3	97.3	84.7	70.0	58.0	36.7	12.7	71.8	150
	12	100.0	100.0	95.3	80.7	68.0	52.7	36.7	18.0	6.0	61.2	150
	15	100.0	98.7	92.0	82.0	62.7	53.3	34.0	20.7	3.3	60.8	150
	18	100.0	100.0	100.0	98.7	88.0	73.3	60.0	36.7	5.3	71.7	150
	21	100.0	100.0	100.0	99.3	95.3	88.7	74.7	53.3	12.7	78.2	150
TOTALS		100.0	99.8	98.3	94.7	86.4	76.4	64.3	43.4	12.8	73.6	1200

RELATIVE HUMIDITY

03855

PENSACOLA, FLORIDA

STATION NAME

73-77

PERIOD

DEC
MONTH

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00	100.0	100.0	100.0	99.4	95.5	88.4	76.8	51.6	21.3	79.5	155
	03	100.0	100.0	100.0	100.0	96.8	92.3	80.0	58.7	20.6	81.3	155
	06	100.0	100.0	100.0	100.0	99.4	94.8	85.7	64.3	27.3	83.3	154
	09	100.0	100.0	100.0	99.4	92.9	82.6	66.5	42.6	12.3	75.5	155
	12	100.0	100.0	94.8	83.9	72.9	56.1	36.8	18.1	5.8	62.4	155
	15	100.0	100.0	94.8	80.6	67.1	52.3	36.7	21.3	5.8	61.6	155
	18	100.0	100.0	99.4	96.8	86.5	77.4	51.0	35.5	9.0	71.2	155
	21	100.0	100.0	100.0	98.7	95.5	87.7	68.4	45.2	12.9	76.9	155
TOTALS		100.0	100.0	98.6	94.9	86.3	79.0	63.0	42.2	14.4	74.0	1239

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

STATION 03855 PENSACOLA, FLORIDA PERIOD 73-77 MONTH ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	98.8	95.3	87.3	76.7	62.8	47.0	24.7	75.3	1240
FEB		100.0	99.9	98.7	96.3	87.5	76.2	63.4	45.7	17.0	74.3	1128
MAR		100.0	99.9	98.6	96.0	90.9	81.7	68.2	53.1	19.9	76.9	1240
APR		100.0	99.8	98.3	94.0	85.1	71.9	53.6	30.6	7.3	69.7	1200
MAY		100.0	100.0	99.3	97.1	91.3	79.2	61.1	39.1	9.8	73.3	1240
JUN		100.0	100.0	99.8	98.3	93.3	80.7	53.8	28.2	2.8	71.2	1200
JUL		100.0	100.0	100.0	99.9	98.7	89.4	61.9	36.1	7.5	74.9	1240
AUG		100.0	100.0	100.0	99.6	97.4	91.1	69.0	41.1	17.7	77.1	1240
SEP		100.0	100.0	100.0	99.5	97.8	91.8	76.7	49.9	16.0	78.8	1200
OCT		100.0	100.0	98.7	94.5	85.8	75.0	57.8	36.1	10.1	71.5	1240
NOV		100.0	99.8	98.3	94.7	86.4	76.4	64.3	43.4	12.8	73.6	1200
DEC		100.0	100.0	98.6	94.9	88.3	79.0	63.0	42.2	14.4	74.0	1239
TOTALS		100.0	100.0	99.1	96.7	90.8	80.8	63.0	41.0	13.3	74.2	14607

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

03853
STATION

PENSACOLA, FLORIDA

JAN 1973-DEC 1977
YEARSJANUARY
MONTHALL
HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ESE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76	4.5	4.5	18.2	27.3	31.8	4.5	9.1	22	2.9	140	1.8
67 TO 71	7.9	7	20.0	43.6	10.7	7.9	3.6	140	4.6	239	11.3
62 TO 66	3.8	4.4	29.7	20.9	13.8	11.7	5.4	239	4.2	144	11.6
57 TO 61	9.0	7.6	22.2	16.0	4.2	11.8	7.6	144	3.9	153	12.3
52 TO 56	22.2	17.0	8.5	4.6	4.6	9.2	6.5	153	4.0	190	12.1
47 TO 51	31.3	22.0	20.7	3.3	5.3	4.0	6.0	190	2.4	122	10.1
42 TO 46	38.4	21.6	19.2	1.6	2.4	4.0	10.4	122	2.2	93	7.5
37 TO 41	43.0	26.9	8.6	1.1		3.2	15.1	93	2.2	93	7.5
32 TO 36	48.4	21.5	12.9			1.1	14.0	93	1.7	59	4.7
27 TO 31	43.1	29.3	5.2			3.4	15.5	59	5.6	16	1.2
22 TO 26	51.1	5.6				16.7	11.1	16		3	.2
17 TO 21	33.3	66.7						3		4	.2
12 TO 16	100.0										
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	23.1	13.2	13.5	12.4	12.5	6.4	7.3	8.1	3.4	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION NAME PENSACOLA, FLORIDA YEAR JAN 1973-DEC 1977 MONTH FEBRUARY ALL

TEMP.	NNW & N	NNE & NE	ESE & E	ESE & SE	SSW & SW	WSW & W	WINW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +										
117 TO 121										
112 TO 116										
107 TO 111										
102 TO 106										
97 TO 101										
92 TO 96										
87 TO 91										
82 TO 86										
77 TO 81										
72 TO 76	5.4	2.7	18.9	100.0	29.7	18.9			37	3.3
67 TO 71	6.8	3.6	16.7	31.5	23.2	15.5	1.2	3.0	166	14.9
62 TO 66	5.6	2.8	5.0	19.6	15.6	12.8	3.4	2.8	179	15.9
57 TO 61	12.4	3.2	10.8	14.5	14.5	15.1	9.1	2.2	186	16.5
52 TO 56	24.1	5.5	16.6	4.8	12.4	12.4	13.8	1.4	145	12.9
47 TO 51	37.0	8.1	14.8	3.0	3.0	5.9	14.8	9.6	135	12.0
42 TO 46	42.7	13.6	8.7	1.0	1.0	7.8	17.5	4.9	103	9.1
37 TO 41	49.5	18.3	14.0	2.2	1.1	5.4	7.5	2.2	93	8.2
32 TO 36	42.6	37.0	7.4			1.9	5.6	5.6	54	4.8
27 TO 31	68.4	21.1	5.3				5.3		19	1.7
22 TO 26	33.3	50.0						16.7	6	.5
17 TO 21										
12 TO 16										
7 TO 11										
2 TO 6										
-3 TO 1										
-8 TO -4										
-13 TO -9										
-18 TO -14										
-23 TO -19										
-28 TO -24										
-33 TO -29										
-38 TO -34										
-43 TO -39										
-48 TO -44										
-53 TO -49										
-58 TO -54										
-59 & LOWER										
TOTALS	22.7	7.9	9.5	9.7	16.0	11.6	11.0	8.3	3.5	1120 100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

03855
STATION

PENSACOLA, FLORIDA
STATION NAME

JAN 1973-DEC 1977
YEARS

MARCH
MONTH

ALL
HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NW & N	NNE & NE	E & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81	2.9	2.9	11.8	29.4	35.3	8.8	8.8	8.8		34	2.7
72 TO 76	2.5	1.2	12.9	50.9	23.3	8.0	8.0	1.2		163	13.1
67 TO 71	2.5	1.7	28.4	34.7	11.0	10.7	10.7	2.2	2.8	363	29.3
62 TO 66	9.5	4.0	32.7	19.3	6.2	6.5	6.5	7.3	3.6	275	22.2
57 TO 61	18.0	15.3	12.7	9.3	4.7	6.0	6.0	8.7	2.7	150	12.1
52 TO 56	32.4	21.0	2.9	1.0		9.5	9.5	13.3	3.8	102	8.5
47 TO 51	46.1	18.4	7.9	3.9		5.3	5.3	10.5	6.6	76	6.1
42 TO 46	39.5	27.9	14.0			4.7	4.7	4.7	9.3	43	3.5
37 TO 41	29.6	51.9	3.7	3.7		3.7	3.7		7.4	27	2.2
32 TO 36			50.0					50.0		2	.2
27 TO 31	50.0								50.0	2	.2
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	13.0	8.5	9.3	19.5	23.4	9.4	8.0	5.7	3.2	1440	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

03853 STATION PENSACOLA, FLORIDA JAN 1973-DEC 1977 MONTH APRIL ALL HOURS (C.S.T.)

TEMP.	NW & N	NE & NE	ESE & E	ESE & SE	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+										
117 TO 121										
112 TO 116										
107 TO 111										
102 TO 106										
97 TO 101										
92 TO 96										
87 TO 91										
82 TO 86										
77 TO 81	3.6	9	2.7	14.3	28.6	42.9	14.3		7	.6
72 TO 76	5.5	1.2	3.4	17.0	54.5	12.2	3.6	1.8	112	9.3
67 TO 71	8.2	2.1	5.8	21.8	39.9	18.1	5.8	2.8	326	27.2
62 TO 66	18.6	11.0	14.0	22.6	22.7	10.7	7.6	4.8	291	24.3
57 TO 61	34.9	16.1	11.4	6.4	9.3	4.7	14.0	6.4	176	14.3
52 TO 56	28.6	33.3	7.1	3.4	2.0	1.3	10.1	9.4	169	12.4
47 TO 51	33.3	19.4	8.3	1.2	2.4	6.0	15.2	6.0	84	7.0
42 TO 46	57.1	9.5		2.8	5.6	11.1	11.1	8.3	36	3.0
37 TO 41	50.0	50.0					23.8	9.5	21	1.8
32 TO 36									2	.2
27 TO 31										
22 TO 26										
17 TO 21										
12 TO 16										
7 TO 11										
2 TO 6										
-3 TO 1										
-8 TO -4										
-13 TO -9										
-18 TO -14										
-23 TO -19										
-28 TO -24										
-33 TO -29										
-38 TO -34										
-43 TO -39										
-48 TO -44										
-53 TO -49										
-58 TO -54										
-59 & LVR										
TOTALS	14.9	7.7	6.8	17.0	23.3	10.2	7.8	7.6	4.8	1200
										100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

STATION PENSACOLA, FLORIDA MONTH MAY YEAR 1973-DEC 1977 ALL HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96	25.0	3.1	6.3	25.0	25.0	25.0	3.1	3.1	3.1	4	.3
87 TO 91	9.4	3.4	2.7	9.4	46.9	15.6	3.1	2.7	.7	32	2.6
82 TO 86	7.4	1.3	4.9	13.5	31.8	29.1	8.8	2.3	.3	148	11.9
77 TO 81	4.6	4.4	4.9	13.8	29.5	26.9	16.4	5.7	4.9	305	24.6
72 TO 76	8.2	11.6	10.8	13.1	22.9	14.4	21.6	8.2	16.4	389	31.4
67 TO 71	22.8	21.1	5.6	4.3	8.6	6.5	10.8	10.0	11.1	232	18.7
62 TO 66	42.2	43.3	6.7		1.1	2.2	6.7	5.7	3.3	90	7.3
57 TO 61	30.0	37.5					10.0			30	2.4
52 TO 56	50.0	50.0					12.5			8	.6
47 TO 51	50.0									2	.2
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
TOTALS	13.4	7.3	5.8	10.2	21.2	16.5	14.8	5.2	5.7	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

03853

PENSACOLA, FLORIDA

STATION NAME

JAN 1973-DEC 1977

YEARS

JUNE

MONTH

ALL

HOURS (EST.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	5.0	4.5	1.5	28.6	30.8	28.6	28.6	14.3	.5	201	16.8
82 TO 86	6.3	3.9	4.5	7.0	26.3	35.3	12.9	2.5	.6	334	27.8
77 TO 81	9.2	3.6	5.9	8.4	22.3	25.4	21.9	2.7	9.8	337	28.1
72 TO 76	30.5	13.1	10.4	3.3	22.3	13.6	22.0	10.4	13.6	221	18.4
67 TO 71	33.3	13.3	10.7	3.6	3.2	5.0	12.2	8.1	14.7	75	6.3
62 TO 66	54.5	22.7	2.7	2.7		4.0	10.7	10.7		22	1.8
57 TO 61	66.7						9.1	13.6		3	.3
52 TO 56								33.3			
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWP											
TOTALS	14.1	6.5	5.8	5.4	19.3	18.2	17.7	6.7	6.4	1290	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION PENSACOLA, FLORIDA YEAR JAN 1973-DEC 1977 MONTH JULY HOURS ALL

TEMP.	NINW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WINW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96	36.8	15.8	26.3	7.5	26.3	5.3	5.3	100.0		1	1.1
87 TO 91	7.9	3.6	26.2	7.5	26.2	35.7	11.5	10.5		19	1.5
82 TO 86	5.8	4.4	17.1	8.0	17.1	24.0	25.9	8.0	4	252	20.3
77 TO 81	11.8	7.2	7.2	4.8	7.2	11.5	19.3	13.9	4.7	363	29.3
72 TO 76	22.8	6.8	.5	2.4	.5	4.4	11.2	16.0	15.8	374	30.2
67 TO 71	24.0	8.0	4.0				16.0	16.0	20.9	206	16.6
62 TO 66									32.0	25	2.0
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVP											
TOTALS	11.7	6.4	5.6	5.7	13.1	18.5	18.0	10.7	10.3	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

03853
STATION

PENSACOLA, FLORIDA

STATION NAME

JAN 1973-DEC 1977

YEAR

AUGUST

ALL
HOURS

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ESE & E	ESE & SE	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+										
117 TO 121										
112 TO 116										
107 TO 111										
102 TO 106										
97 TO 101										
92 TO 96	28.6	2.2	3.1	28.6	14.3	14.3	14.3		7	.6
87 TO 91	5.1	2.2	14.6	40.4	23.6	3.4	4.5	1.1	178	14.4
82 TO 86	5.8	4.4	14.0	22.5	16.1	10.8	2.0	5.0	342	27.6
77 TO 81	9.7	8.8	21.0	9.4	8.2	12.2	6.5	13.9	352	28.4
72 TO 76	18.8	22.4	15.8	3.6	2.0	6.6	7.6	19.7	304	24.2
67 TO 71	39.6	33.3	4.2	2.1			4.2	14.6	48	3.9
62 TO 66	71.4	14.3						14.3	7	.6
57 TO 61	50.0							50.0	2	.2
52 TO 56										
47 TO 51										
42 TO 46										
37 TO 41										
32 TO 36										
27 TO 31										
22 TO 26										
17 TO 21										
12 TO 16										
7 TO 11										
2 TO 6										
-3 TO 1										
-8 TO -4										
-13 TO -9										
-18 TO -14										
-23 TO -19										
-28 TO -24										
-33 TO -29										
-38 TO -34										
-43 TO -39										
-48 TO -44										
-53 TO -49										
-58 TO -54										
-59 & LWR										
TOTALS	11.9	10.9	14.6	11.3	13.8	10.7	8.6	5.2	11.0	1240 100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

STATION NAME PENSACOLA, FLORIDA YEAR JAN 1973-DEC 1977 MONTH SEPTEMBER ALL HOURS Y.S.T.

WIND DIRECTION

TEMP.	NW & N	NNW & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	17.5	12.5	18.0	11.3	14.5	8.9	7.8	5.3	4.0	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

04855
STATION

PENSACOLA, FLORIDA
STATION NAME

JAN 1973-DEC 1977
YEARS

WIND DIRECTION

OCTOBER
MONTH

ALL
HOURS (U.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	11.1	11.1	11.1	11.1	44.4	22.2	22.2	1.1	1.1	92	7.7
82 TO 86	9.5	1.1	14.1	32.5	21.7	13.0	5.4	1.1	1.1	92	7.4
77 TO 81	6.9	6.9	15.1	27.0	25.2	8.2	5.0	3.8	1.9	159	12.8
72 TO 76	13.3	10.5	17.9	24.0	22.3	3.9	3.5	2.2	2.2	229	18.5
67 TO 71	22.1	13.4	27.2	11.1	2.8	2.3	10.1	6.0	5.1	417	17.5
62 TO 66	40.4	19.3	23.4	1.8	.9	.7	4.1	6.4	2.8	414	17.6
57 TO 61	51.0	25.5	13.1				3.3	3.9	2.6	153	12.3
52 TO 56	47.1	33.3	9.2				2.3	4.6	3.4	87	7.0
47 TO 51	56.5	28.3	15.2							66	3.7
42 TO 46	77.3	13.6	4.5					4.5		24	1.8
37 TO 41	75.0	25.0								8	.6
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	28.7	15.6	18.1	12.7	9.9	3.4	4.9	4.0	2.7	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

03855
STATION

PENSACOLA, FLORIDA

JAN 1973-DEC 1977
YEARSNOVEMBER
MONTHALL
HOURS C.S.T.

TEMP.	NNW & N	NNE & NE	ESE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86	16.7		11.1	26.7	83.3					6	.5
77 TO 81	2.2		8.0	34.6	44.4	15.6				45	3.8
72 TO 76	6.2	6.6	10.4	35.5	18.0	8.0	6.2	1.9	.6	162	13.5
67 TO 71	7.6	2.2	10.4	35.5	18.0	11.4	6.6	2.8	2.4	211	17.6
62 TO 66	14.6	6.5	31.4	11.9	8.6	4.9	9.2	9.2	3.8	185	15.4
57 TO 61	27.0	11.3	27.7	4.3	4.3	2.8	7.2	11.3	3.5	141	11.8
52 TO 56	27.6	25.0	23.7	3.3	1.3	1.3	2.6	10.5	4.6	152	12.7
47 TO 51	34.2	31.6	20.2	.9	.9		2.6	7.9	1.8	114	9.5
42 TO 46	42.7	30.3	7.9			2.2		12.4	4.5	89	7.4
37 TO 41	49.0	37.3	2.0					7.8	3.9	51	4.3
32 TO 36	58.1	35.5	3.2						3.2	31	2.6
27 TO 31	9.1	72.7	9.1						9.1	11	.9
22 TO 26	50.0	50.0								2	.2
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVP											
TOTALS	21.4	15.0	17.2	14.8	11.9	5.1	4.9	6.8	2.9	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

04853
STATION

PENSACULA, FLORIDA

STATION NAME

JAN 1973-DEC 1977

YEARS

DECEMBER

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76				13.0	34.8	26.1	26.1			23	1.9
67 TO 71	1.8		5.5	15.6	27.5	32.1	13.8	2.8	.9	109	8.8
62 TO 66	4.9	.4	10.3	23.8	23.8	16.6	11.2	6.3	2.7	223	18.0
57 TO 61	20.9	7.6	20.9	17.4	11.6	5.8	8.7	4.7	2.3	172	13.9
52 TO 56	24.5	15.3	28.8	9.2	3.1	2.5	2.5	12.3	1.8	163	13.2
47 TO 51	34.8	12.2	21.3	5.5	1.2	4.3	7.9	12.8		164	13.2
42 TO 46	41.7	12.9	17.3	.7	2.2	1.4	2.9	18.7	2.2	139	11.2
37 TO 41	52.3	12.8	16.5				4.6	12.8	.9	109	8.8
32 TO 36	49.4	22.5	11.2	2.2	3.4			9.0	2.2	89	7.2
27 TO 31	41.0	43.6	7.7					7.7		39	3.1
22 TO 26	55.6	33.3	11.1							9	.7
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	26.3	10.6	16.4	10.5	10.0	8.2	7.0	9.4	1.6	1239	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

03855
STATION

PENSACOLA, FLORIDA

JAN 1973-DEC 1977
YEARS

ALL
MONTH

ALL
HOURS U.S.T.

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ESE & E	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +										
117 TO 121										
112 TO 116										
107 TO 111										
102 TO 106										
97 TO 101										
92 TO 96	22.7	2.3	9.1	22.7	13.6	11.4	50.0		2	0.0
87 TO 91	6.4	2.6	3.9	32.3	30.0	9.7	9.1		44	3.3
82 TO 86	6.2	3.1	7.4	24.6	22.1	16.0	4.0	1.7	724	5.0
77 TO 81	8.3	5.2	11.7	20.1	13.5	14.6	7.0	2.8	1572	10.8
72 TO 76	14.1	10.0	10.9	12.8	9.6	9.5	5.7	7.6	2080	14.2
67 TO 71	13.6	7.3	9.5	19.2	10.5	9.4	4.4	7.9	2370	16.2
62 TO 66	16.9	8.4	13.7	14.9	8.1	9.1	7.8	6.1	1994	13.7
57 TO 61	25.2	13.2	16.8	8.7	5.0	9.0	8.1	4.0	1674	11.5
52 TO 56	28.5	20.0	19.3	3.1	3.7	6.4	10.7	3.4	1150	7.9
47 TO 51	37.3	18.6	17.1	2.5	2.6	5.2	9.8	4.0	903	6.2
42 TO 46	43.2	19.0	13.1	1.4	1.5	3.5	14.0	3.9	731	5.0
37 TO 41	47.8	24.0	10.7	.5	.3	3.7	10.2	2.3	542	3.7
32 TO 36	48.3	26.4	10.4	1.1		.7	9.3	3.0	383	2.6
27 TO 31	42.6	36.4	6.2	.3		1.6	10.1	2.3	269	1.8
22 TO 26	24.3	22.9	2.9			8.6	5.7	5.7	129	.9
17 TO 21	33.3	66.7							35	.2
12 TO 16	100.0								2	.0
7 TO 11									4	.0
2 TO 6										
-3 TO 1										
-8 TO -4										
-13 TO -9										
-18 TO -14										
-23 TO -19										
-28 TO -24										
-33 TO -29										
-38 TO -34										
-43 TO -39										
-48 TO -44										
-53 TO -49										
-58 TO -54										
-63 & LVP										
TOTALS	18.2	10.2	11.7	11.7	13.9	10.6	6.9	5.0	14907	100.0

NAYWEASERVCOM

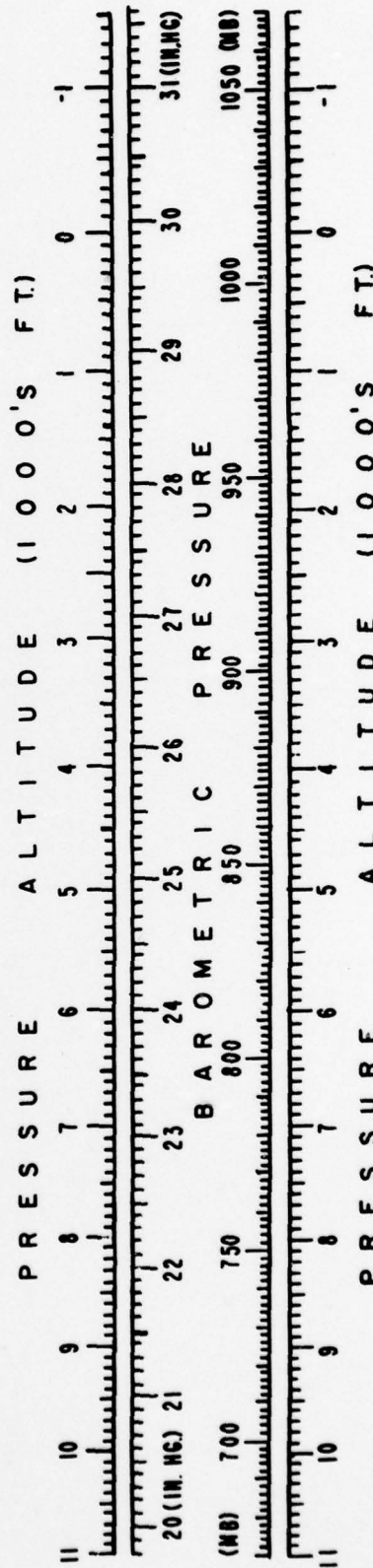
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

03855 PENSACOLA, FLORIDA

73-77

HRS.(LST.)	STATION NAME												ANNUAL
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
00	MEAN	1021.0	1020.1	1017.1	1018.2	1014.9	1016.9	1017.1	1015.5	1018.6	1019.9	1020.3	1017.9
	S. D.	5.553	5.509	4.815	5.095	3.907	2.699	2.467	3.016	3.940	4.765	5.797	4.718
	TOTAL OBS	155	141	155	150	155	150	155	155	150	150	155	1826
03	MEAN	1020.7	1019.6	1016.3	1017.5	1015.4	1016.3	1016.4	1014.9	1018.2	1019.5	1020.0	1017.4
	S. D.	5.602	5.551	4.909	5.163	3.991	2.656	2.473	3.072	4.092	4.925	5.774	4.818
	TOTAL OBS	155	141	155	150	155	150	155	155	150	150	155	1826
06	MEAN	1021.0	1020.3	1017.2	1018.7	1015.5	1016.4	1017.4	1015.8	1019.1	1020.2	1020.2	1018.3
	S. D.	5.727	5.679	4.906	5.390	4.099	2.687	2.574	3.407	4.184	5.083	5.964	4.848
	TOTAL OBS	155	141	155	150	155	150	155	150	155	150	154	1825
09	MEAN	1022.6	1021.7	1018.6	1019.8	1017.1	1018.3	1018.3	1016.8	1020.2	1021.4	1021.7	1019.4
	S. D.	5.737	5.737	4.906	5.471	4.192	2.709	2.663	3.174	4.216	5.249	5.928	4.956
	TOTAL OBS	155	141	155	150	155	150	155	150	155	150	155	1826
12	MEAN	1021.4	1020.9	1018.1	1019.2	1015.8	1016.8	1017.8	1016.2	1019.1	1020.1	1020.4	1018.6
	S. D.	5.697	5.593	4.787	5.419	4.194	2.771	2.639	2.272	2.981	4.216	5.048	4.784
	TOTAL OBS	155	141	155	150	155	150	155	155	150	150	155	1826
15	MEAN	1019.9	1019.0	1016.4	1017.7	1014.4	1015.4	1016.4	1014.6	1017.5	1018.7	1019.0	1017.1
	S. D.	5.591	5.466	4.709	5.255	4.093	2.709	2.525	2.179	2.825	4.793	5.605	4.649
	TOTAL OBS	155	141	155	150	155	150	155	150	155	150	155	1826
18	MEAN	1020.6	1019.3	1016.3	1017.5	1014.1	1015.1	1016.1	1014.7	1017.9	1019.3	1019.7	1017.2
	S. D.	5.590	5.289	4.746	5.088	3.862	2.741	2.498	2.127	2.847	4.820	5.553	4.712
	TOTAL OBS	155	141	155	150	155	150	155	155	150	150	155	1826
21	MEAN	1021.3	1020.3	1017.1	1018.6	1015.0	1016.2	1017.2	1015.9	1019.0	1020.2	1020.4	1018.2
	S. D.	5.691	5.364	4.711	5.075	3.903	2.725	2.489	2.097	2.940	4.948	5.608	4.710
	TOTAL OBS	155	141	155	150	155	150	155	155	150	150	155	1826
ALL HOURS	MEAN	1021.0	1020.2	1017.1	1018.4	1015.0	1016.0	1017.0	1015.1	1018.7	1019.9	1020.2	1018.0
	S. D.	5.679	5.566	4.862	5.287	4.084	2.786	2.634	2.257	3.112	4.130	4.997	4.828
	TOTAL OBS	1240	1128	1240	1200	1240	1200	1240	1200	1240	1200	1239	14607

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

PENSACOLA, FLORIDA

73-77

STATION

STATION NAME

YEARS

HRS.(L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	30.116 MEAN S. D. TOTAL OBS	30.090 .164 .163 155	30.001 .143 .155	30.035 .150 150	29.937 .115 155	29.968 .080 150	29.998 .073 155	30.002 .062 155	29.956 .089 150	30.047 .117 155	30.065 .141 150	30.097 .171 155	30.027 .139 1826
03	30.107 MEAN S. D. TOTAL OBS	30.076 .166 155	29.978 .145 155	30.015 .153 150	29.920 .118 155	29.951 .079 150	29.977 .074 155	29.982 .061 155	29.938 .090 150	30.033 .121 155	30.074 .146 150	30.087 .171 155	30.011 .142 1826
06	30.117 MEAN S. D. TOTAL OBS	30.098 .169 155	30.006 .145 155	30.050 .160 150	29.953 .121 155	29.982 .080 150	30.011 .076 155	30.011 .065 155	29.963 .101 150	30.062 .124 155	30.095 .150 150	30.095 .176 154	30.036 .143 1825
09	30.164 MEAN S. D. TOTAL OBS	30.137 .170 155	30.045 .145 155	30.081 .162 150	29.978 .124 155	30.004 .080 150	30.036 .079 155	30.039 .065 155	29.993 .094 150	30.094 .125 155	30.130 .155 150	30.137 .175 155	30.070 .147 1826
12	30.130 MEAN S. D. TOTAL OBS	30.116 .168 155	30.031 .142 155	30.065 .160 150	29.964 .123 155	29.993 .082 150	30.024 .078 155	30.026 .068 155	29.974 .088 150	30.061 .125 155	30.092 .149 150	30.099 .171 155	30.048 .141 1826
15	30.086 MEAN S. D. TOTAL OBS	30.060 .165 155	29.982 .139 155	30.021 .156 150	29.924 .121 155	29.952 .080 150	29.980 .076 155	29.980 .065 155	29.929 .084 150	30.016 .119 155	30.050 .142 150	30.059 .165 155	30.003 .137 1826
18	30.105 MEAN S. D. TOTAL OBS	30.069 .165 155	29.979 .139 155	30.015 .150 150	29.913 .115 155	29.944 .081 150	29.974 .075 155	29.977 .064 155	29.933 .084 150	30.027 .116 155	30.069 .142 150	30.078 .164 155	30.007 .139 1826
21	30.125 MEAN S. D. TOTAL OBS	30.098 .168 155	30.004 .139 155	30.045 .150 150	29.942 .116 155	29.975 .081 150	30.004 .074 155	30.012 .063 155	29.968 .087 150	30.058 .117 155	30.095 .146 150	30.100 .165 155	30.035 .139 1826
ALL HOURS	30.119 MEAN S. D. TOTAL OBS	30.093 .168 1260	30.003 .144 1240	30.041 .156 1200	29.941 .121 1240	29.971 .083 1200	30.000 .078 1240	30.004 .067 1240	29.957 .092 1200	30.050 .122 1240	30.086 .148 1200	30.094 .171 1239	30.030 .143 14607

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